

**TEMPORARY**

Application No. \_\_\_\_\_

APPLICATION TO APPROPRIATE WATER  
STATE OF UTAH

93-

RECEIVED

NOTE: The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

AUG 28 1985

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to WATER RIGHT PRICE Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

1. Irrigation ☐ Domestic ☐ Stockwatering ☐ Municipal ☐ Power ☐ Mining ☐ Other Uses ☒

2. The name of the applicant is Phillip W. Martin Water Service, Inc.

3. The Post Office address of the applicant is P.O. Box 1443 Moab, Utah 84532

4. The quantity of water to be appropriated \_\_\_\_\_ second-feet and/or 3.0 acre-feet

5. The water is to be used for Exploration Drilling from Aug. 28, 1985 to Aug. 28, 1986  
(Major Purpose) (Month) (Day) (Month) (Day)

other use period \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_  
(Minor Purpose) (Month) (Day) (Month) (Day)

and stored each year (if stored) from \_\_\_\_\_ to \_\_\_\_\_  
(Month) (Day) (Month) (Day)

6. The drainage area to which the direct source of supply belongs is \_\_\_\_\_  
(Leave Blank)

7. The direct source of supply is\* San Rafael River  
(Name of stream or other source)

which is tributary to \_\_\_\_\_, tributary to \_\_\_\_\_

\*Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

8. The point of diversion from the source is in Emery County, situated at a point\*  
S. 195 ft. & E. 1565 ft. from W½ Cor. Sec. 27, T22S, R14E, SLB&M.

(14 miles SW of Green River) Tedwell Bottom Quad

\*Note.—The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.

9. The diverting and carrying works will consist of Portable pump and tank truck

10. If water is to be stored, give capacity of reservoir in acre-feet \_\_\_\_\_ height of dam \_\_\_\_\_  
area inundated in acres \_\_\_\_\_ legal subdivision of area inundated \_\_\_\_\_

11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:

\_\_\_\_\_ Total \_\_\_\_\_ Acres  
12. Is the land owned by the applicant? Yes \_\_\_\_\_ No X If "No," explain on page 2. BLM

13. Is this water to be used supplementally with other water rights? Yes \_\_\_\_\_ No X  
If "yes," identify other water rights on page 2.

14. If application is for power purposes, describe type of plant, size and rated capacity. \_\_\_\_\_

15. If application is for mining, the water will be used in \_\_\_\_\_ Mining District at  
the \_\_\_\_\_ mine, where the following ores are mined \_\_\_\_\_

16. If application is for stockwatering purposes, number and kind of stock watered \_\_\_\_\_

17. If application is for domestic purposes, number of persons \_\_\_\_\_, or families \_\_\_\_\_

18. If application is for municipal purposes, name of municipality \_\_\_\_\_

19. If application is for other uses, include general description of proposed uses Drilling fluids in  
connection with the drilling of one well: Coors USA #1-26 HR

20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. S. 2100 ft. & E. 900 ft. from NW Cor. Sec. 26, T22S, R14E, SLB&M.

21. The use of water as set forth in this application will consume 3.0 second-feet and/or acre-feet of water and \_\_\_\_\_ second feet and/ or acre feet will be returned to the natural stream or source at a point described as follows: \_\_\_\_\_

EXHIBIT J

EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

[Lined area for explanatory text]

(Use page 4 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described

Sarah K. Hase  
Signature of Applicant\*

\*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

DECLARATION OF CITIZENSHIP

STATE OF UTAH, }  
County of..... } ss

On the ..... day of ....., 19....., personally appeared before me, a notary public for the State of Utah, the above applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires:

(SEAL)

Notary Public

# FEES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH

Flow rate — c.f.s.	Cost
0.0 to 0.1 .....	\$ 15.00
over 0.1 to 0.5 .....	30.00
over 0.5 to 1.0 .....	45.00
over 1.0 to 15.0 .....	45.00 plus \$7.50 for each cfs above the first cubic
over 15.0 .....	150.00 foot per second.

Storage — acre-feet	
0 to 20 .....	22.50
over 20 to 500 .....	45.00
over 500 to 7500 .....	45.00 plus \$7.50 for each 500 a.f. above the first
over 7500 .....	150.00 500 acre feet.

(This section is not to be filled in by applicant)

## STATE ENGINEER'S ENDORSEMENTS

1. AUGUST 28, 1985 Application received by mail over counter in State Engineer's office by SP
2. .... Priority of Application brought down to, on account of .....
3. .... Application fee, \$....., received by ..... Rec. No.....
4. .... Application microfilmed by ..... Roll No. ....
5. .... Indexed by ..... Platted by .....
6. B-28-85 Application examined by SP
7. .... Application returned, ..... or corrected by office .....
8. .... Corrected Application resubmitted by mail over counter to State Engineer's office.
9. .... Application approved for advertisement .....
10. ....
11. ....
12. ....
13. ....
14. ....
15. ....
16. ....
17. ....
18. ....
19. .... Application rejected
20. Conditions:

This Application is approved, subject to prior rights, as follows:

  - a. Actual construction work shall be diligently prosecuted to completion.
  - b. Proof of Appropriation shall be submitted to the State Engineer's office by .....
  - c. ....

No. ....	<u>Aug. 28, 1985</u>
<u>Received of Sarah K. Hass</u>	
<u>Fifteen and no/100</u>	<u>Dollars</u>
<u>For Temporary Application</u>	
<u>\$ 15<sup>00</sup></u>	<u>M. Kellian</u>
TOPS—FORM 3253	LITHO IN U.S.A.

## 20. Conditions:

This Application is approved, subject to prior rights, as follows:

- a. Actual construction work shall be diligently prosecuted to completion.
- b. Proof of Appropriation shall be submitted to the State Engineer's office by .....
- c. ....

State Engineer

21. .... Time for making Proof of Appropriation extended to .....
22. .... Proof of Appropriation submitted.
23. .... Certificate of Appropriation, No. ...., issued

# TEMPORARY

Application No.....



August 30, 1985

RECEIVED

SEP 03 1985

State of Utah  
Division of Oil, Gas & Mining  
4241 State Office Bldg.  
Salt Lake City, Utah 84114

DIVISION OF OIL  
GAS & MINING


Gentlemen:

For your information, attached please find an Application for Permit to Drill for the following well:

USA 1-26HR  
Section 26, T22S-R14E  
Emery County, Utah

If you have any questions regarding this proposed wellsite, please give us a call at 278-7030.

Very truly yours,

  
D. S. Sprague  
Director  
Oil & Gas Operations

DSS:jf  
Attachments  
cc. Jake Amen  
File  
R.L. Martin  
Ralph Nelms  
D.S. Sprague

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

5. Lease Designation and Serial No.

U-53597

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

Hatt Ranch

8. Farm or Lease Name

USA

9. Well No.

1-26 HR

10. Field and Pool, or Wildcat

Wildcat

11. Sec., T., R., M., or Bk.  
and Survey or Area

Sec 26, T22S, R14E

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒ XXXDEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil ☒ XXX  
Well ☐Gas ☐  
Well ☐Other ☐Single ☒ XXX  
Zone ☐Multiple ☐  
Zone ☐

2. Name of Operator

Coors Energy Company 303-278-7030

3. Address of Operator

POB 467 Golden, Colorado 80601

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface

697 FWL 2329 FNL Sec 26 SWNW

At proposed prod. zone

SEP 03 1985

14. Distance in miles and direction from nearest town or post office\*

14 miles Southwest of Green River, Utah

15. Distance from proposed\*  
location to nearest  
property or lease line, ft.  
(Also to nearest drig. line, if any)

3300'

16. No. of acres in lease

4621.78

17. % of acres assigned  
to this well18. Distance from proposed location\*  
to nearest well, drilling, completed,  
or applied for, on this lease, ft.

none

19. Proposed depth

6500

20. Rotary or cable tools

rotary

21. Elevations (Show whether DP, RT, GR, etc.)

4215 GL

22. Approx. date work will start\*

Oct 1 1985

23.

## PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
15"	10 3/4	40.5	300'	300 sacks or surface
7 7/8	4 1/2	11.6	6500	300 sacks

Note that in case of hole problems, Coors plans to ream out the 7 7/8" hole to 9 7/8" and set an intermediate string of 8 5/8" casing to be cemented with 200 sacks cement.

1. This well will be drilled on a farmin lease from Texas Eastern Skyline Oil Company to Coors.
2. The well will be spudded in the Morrison Formation: Oil is anticipated in the Moenkopi, Akah, and Ismay. No other mineral zones are anticipated.
3. Estimated formation tops: Moenkopi 2530, Ismay 5000, Akah 5425, Salt 5450, Mississippian 6300. TD 6500
4. A diagram of the pressure control equipment to be used is attached.
5. Low solids non dispersed mud to be used to 5450. Saturated salt mud will be used from 5450 to TD. Mud weights in excess of 9.0#/ gal are not anticipated.
6. Auxilary equipment: Float valve will the used in the drill string. Kelly cock will be used.
7. No coring is planned. DST may be run in the Moenkopi, Ismay, Akah. FDC, CNL, DIL, LL8 SP, GR CBL Logs will be run.
8. No abnormal temperatures, pressures or potential hazards are expected.
9. Duration of Operations 15 to 20 days.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

D.S. Sprague

Director of Oil and Gas

Title Operations

Date

8/30/85

(This space for Federal or State office use)

Permit No.

43-015-30220

Approval Date

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

Approved by

Title

Conditions of approval, if any:

DATE: 9/5/85

BY: John R. Baya

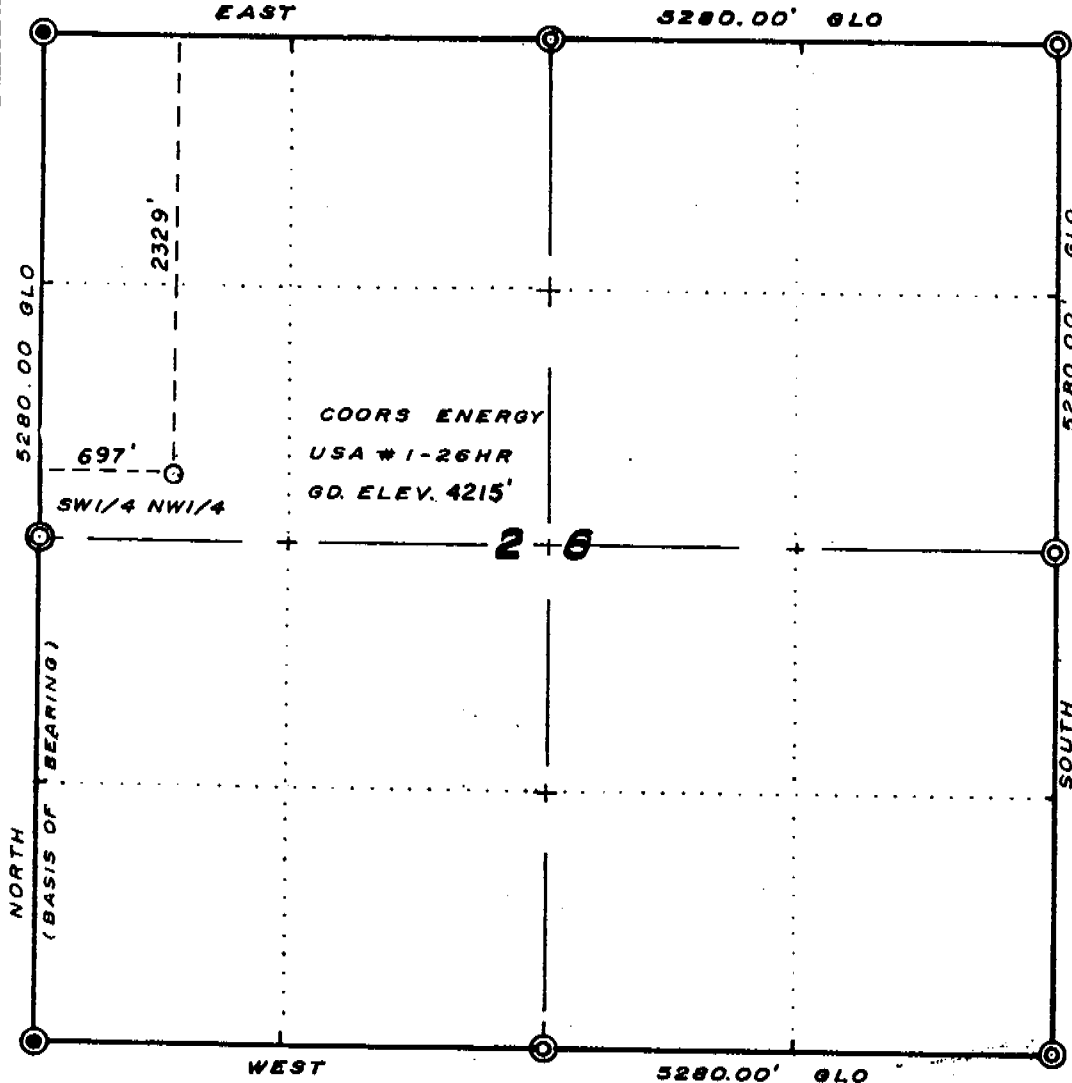
\*See Instructions On

WELL SPACING:

2-3(c)

SEC. 26, T. 22 S., R. 14 E. OF THE S. L. M.

LOCATION PLAT



- LEGEND**
- ⊙ STANDARD LOCATION OF GLO SECTION CORNERS
  - ⊙ GLO CORNERS FOUND
  - WELL LOCATION STAKED.
- REFERENCE DOCUMENTS**
- 1984 GLO PLAT
  - TIDWELL BOTTOMS QUADRANGLE, USGS

THIS WELL LOCATION PLAT WAS PREPARED FOR COORS ENERGY  
 TO LOCATE THE U.S.A. #1-26HR, 697' F.W. L. &  
2329' F.N. L. IN THE SW 1/4 NW 1/4, OF SECTION 26, T. 22S, R. 14E,  
 OF THE S.L.M. EMERY COUNTY, UTAH

EXHIBIT "A"

**SURVEYOR'S CERTIFICATE**

I, LARRY D. BECKER A REGISTERED LAND SURVEYOR IN THE STATE OF UTAH DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAT REPRESENTS SAID SURVEY.

*Larry D. Becker*

SURVEYED	8/24/85	ENERGY SURVEYS & ENGINEERING CORP.	715 HORIZON DRIVE, SUITE 330 GRAND JUNCTION, CO 81501 (803) 245-7221	SCALE 1"=1000'
DRAWN	8/26/85			SHEET NO.
CHECKED	8/26/85			SHEET OF

MULTIPOINT SURFACE USE PLAN  
COORS ENERGY COMPANY  
USA 1-26HR  
SECTION 26, T22S-R14E  
EMERY COUNTY, UTAH

Coors Energy Company will assure that this APD will be posted in the doghouse of the drilling rig during the drilling of this well. Also, a sign will be posted at the entrance to the location with the name of the well, operator and location description. We will notify the BLM in Moab, Utah 48 hours prior to beginning any work on this land. Prior to starting surface construction operations, the dirt contractor shall have a completed approved copy of this APD.

1. EXISTING ROADS - See Exhibits C, D, E

Access to the USA 1-26HR begins at Green River, Utah, and will proceed westerly along Highway I-70 approximately 11 miles to Utah State Highway 24 turnoff, then go south approximately 3.4 miles along Utah Highway 24, then east 700 feet along the proposed access road to site location.

The only existing road used to access the USA 1-26HR is Utah State Highway 24. Coors has no plans to upgrade or change existing roads. Existing roads will be maintained by Emery County or the Utah Department of Highways.

2. PLANNED ACCESS ROAD - See Exhibits B-1, C, D, E

The planned access road will be approximately 700' from Utah State Highway 24 to the well location. Surface disturbance and vehicular travel will be limited to approved location and access road. The access road will be rehabilitated within 60 days if the well is plugged and abandoned from the time the rig leaves location.

If the well is a producer, the road will be brought to Class III resource road standards 60 days after the rig leaves location.

Road maintenance from Utah Highway 24 to the well will be provided by a Coors Energy Company subcontractor. Maintenance will consist of periodic grading and repairs to the surface. During summer months, a watering program will be used to control dust. Rain and other inclement weather may require repairs to ditches, culverts, waterbars, etc. Maximum road grade will not exceed 10% and no turnouts will be installed.

Materials for constructing the new access road will come from a private source in the area. Four 24" x 30' culverts will be layed in the large gully which will need to be crossed by the access road to reach the location. An elevated gravel road will be built on top of the 24" X 30' culverts.

The new access road will be constructed with a 14' wide road surface. Not over 30' will be cleared to construct the new access road.

3. LOCATION OF EXISTING WELLS - See Exhibit E, F

Within a 2-mile radius of this proposed well, there is one dry hole.

Skyline Hatt 27-33  
Section 27, T22S-R14E  
Emery County, Utah

This well was drilled to 6370' in September, 1984, and was plugged in October, 1984.

With the exception of the above mentioned wells, there are no:

- a) known water wells
- b) temporarily abandoned wells
- c) disposal wells
- d) injection wells
- e) monitoring or observation wells

A field survey was made by Energy Surveys and Engineering Corporation for Coors Energy and no water wells were found within a 2-mile radius.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES - See Exhibit B-1, B-2

Coors Energy Company has no facilities in this area. Approval of production facilities is not desired with APD approval for the USA 1-26HR. All future production facilities will be located on the well pad and painted as specified by the BLM.

Coors Energy Company contacted Mr. Dale Workman at the Utah State University Extension Office, (801) 738-2080, regarding weed control on the wellsite and along access roads. We were informed that the following weeds are prevalent to this area: Nap Weed, White Top, Quack Grass, Canadian Thistle, Musk Thistle, Leafy Spury, Russian Olive Tree and Morning Glory. We will follow their recommended procedure and spray with the suggested chemicals to control noxious weeds in these areas.

For drilling operations, a survey map (Exhibit B) showing rig layout is attached. All necessary surface equipment will be spotted on the 250' x 350' wellsite pad.



All garbage and trash will be placed in a trash cage and hauled to an appropriate disposal site. No burning of any trash will occur at the location. Any disturbed area not required for producing operations will be restored according to BLM instructions. The production facilities will create no additional surface disturbances. The drilling waste pit will be fenced on three sides with 36" woven sheep wire with one strand of smooth barbed wire on top of the sheep wire. Upon completion of the drilling operations, the fourth side will be fenced. The reserve pit will be lined with Bentonite, if necessary, to prevent seepage.

Trash, litter and construction materials will not be littered along road ways or drilling sites.

The fence around the reserve pit will be kept in good repair while the reserve pit is drying.

Produced waste water will be confined to an unlined pit for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the District Manager's approval pursuant to Onshore Oil and Gas Order No. 3 (NTL-2B).

5. LOCATION AND TYPE OF WATER SUPPLY - See Exhibit C, J

Location of the water to be used to drill this well is south 195', east 1565' from the West Quarter corner of Section 27, T22S-R14E SLBM, approximately 14 miles southwest of Green River, Utah. The water is to be hauled by portable pump and tank truck. A temporary water use permit for this operation will be obtained from the Utah State Engineer and Phillip W. Martin, Water Service, Inc., Moab, Utah. The source of the water used to drill this well will be from the San Rafael River one mile west of the location. Coors will purchase the water from the State of Utah. Approximately 6000 barrels of water will be required to drill and complete this well. Exhibit J is a copy of the Coors Application to the State of Utah for temporary approval to appropriate water from the San Rafael River.

6. SOURCE OF CONSTRUCTION MATERIALS - See Exhibit B

The top 8" of topsoil will be removed from the well pad and stored on the four corners of the location. Top soil along the access road will be left in place. Access to the location will be from the northwest corner of the pad. The reserve pit will be on the east side of the location. Fill materials needed to construct the location will be derived locally from cuts needed to build the well pad. Any artifacts found on BLM lands will be left in place and the BLM promptly notified.

7. METHODS FOR HANDLING WASTE DISPOSAL - See Exhibit B-1, B-2, F

A mud reserve pit will be constructed for containment of drill cuttings as well as all drilling fluids and produced fluids. A chemical-type toilet will be used on the well site. All trash and garbage will be placed in a trash cage and hauled from the location to an appropriate disposal site. The pit will be fenced as per statements in Section 4.

During production operations, all produced waters will be disposed of according to NTL-2B stipulations.

The reserve pit will be allowed to dry and then back-filled and the area restored according to BLM requirements upon completion of the well.

8. ANCILLARY FACILITIES

There will be camp facilities on location as part of the drilling operation.

9. WELL SITE LAYOUT - See Exhibit B-1, B-2

Attached is a diagram showing the proposed wellsite layout.

10. PLANS FOR RESTORATION OF SURFACE - See Exhibit B-1, B-2, B-3

Surface vegetation scraped off during drill site preparation will be removed and stock-piled prior to topsoil removal. Upon abandonment, vegetation will be redistributed as a mulching agent over the well site. The top 8" of topsoil will be stock-piled on the four corners of the well site as shown on Exhibit "B".

The reserve pit and that part of the location not needed for production operations will be reclaimed within 90 days after completion of the well. Revegetation and screening for visual effect will be done in accordance with BLM stipulations.

The original surface will be reconstructed as close as possible upon abandonment. The stock-piled topsoil will be spread over the area. Any solid waste material present prior to abandonment will be removed from the location. Any oil or deleterious liquids will be removed by a pump truck to an approved disposal area.

Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all trash will be removed. The access road will also be blocked during restoration. Prior to reseeding, all disturbed areas, including the access road, will be scarified and left with a rough surface. The reserve pit, and that part of the location not needed for production, will be reclaimed in the same manner outlined in this section. The rehabilitated access road will be blocked to prevent any vehicle use.

The topsoil will be tested to determine if fertilizer is needed to re-establish vegetation. After spreading the stock-piled topsoil, the following seed mixture will be used for reseeding:

Indian Rice Grass	2#/acre
Curly Grass	2#/acre
Four Wing Saltbrush	1/2#/acre
Shadscale	1/2#/acre
Sweet Yellow Clove	2#/acre

This mixture will be drilled to a depth of one-half inch and planted between September 15 and November 15. This seeding program will be modified as per BLM instruction at the time of site restoration.

If any cultural resources are found during construction, all work will stop and the BLM will be notified.

Coors will notify the BLM at the San Rafael Resource Area, Price, Utah, 48 hours prior to starting rehabilitation procedures.

11. OTHER INFORMATION - See Exhibits H, I

The USA 1-26HR is situated adjacent to Utah State Highway 24 in Emery County, Utah. It is on Federal lands administered by the Moab District of the BLM. The entire project area consists of flat grassland. No cultural resource materials or evidences of any historic or prehistoric activity were identified during the evaluation. No wildlife was observed on the location.

There are no occupied dwellings within approximately two (2) miles of the well site. An archaeological report is attached, (See Exhibit "I").

It is Coors Energy Company's policy that no Coors' employees nor subcontractors carry firearms on access roads nor onto the location during drilling or well completion operations of this well. No prospecting will be allowed on Coors' operations.

All operators, subcontractors and vendors will be confined to established roads and wellsites.

The USA 1-26HR is a farmout from Texas Eastern Skyline Oil Company. See attached designation of operator. (Exhibit "H").

There will be no deviation from the proposed drilling and/or workover program without prior approval from the District Manager. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.2.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

The dirt contractor will be provided with an approved copy of the surface use plan.

A cultural resource clearance will be required before any construction begins. If any cultural resources are found during construction, all work will stop and the Area Manager will be notified.

This permit will be valid for a period of one (1) year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

12. CONTACT

R. L. Martin  
Vice President  
Oil & Gas Operations  
Coors Energy Company  
P.O. Box 467  
Golden, Colorado 80402  
Phone: (303) 278-7030

Jake Amen  
Field Supervisor  
Coors Energy Company  
825 First Avenue  
Grand Junction, Colorado 81501  
Phone: (303) 245-8672

13. CERTIFICATION

See Exhibit "G"

BUREAU OF LAND MANAGEMENT  
MOAB DISTRICT  
CONDITIONS OF APPROVAL FOR PERMIT TO DRILL

Company Coors Energy Company Well No. USA 1-26 HR  
Location: Sec: 26 T. 22S R. 14E Lease No. U-53597  
Onsite Inspection Date 8/27/85

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to ensure compliance.

A. DRILLING PROGRAM

1. Surface Formation and Estimated Formation Tops: surface: morrison  
Summerville 50', Entrada 300', carmel 900', Navajo 1080'  
Kayenta 1520, Wingate 1800', Chinle 2160, Moenkppi 2530, White rim 3200  
Elephant Canyon 3880, Hermosa 4600, Ismay 5000, Desert Creek 5300  
Akah 5425', Salt 5450, Mississippi 6300, TD 6500

2. Estimated Depth at Which Oil, Gas, Water, or Other Mineral-Bearing Zones Are Expected to Be Encountered:

	<u>Formation</u>	<u>Depth</u>
Expected oil zones:	<u>Moenkopi</u>	<u>2530</u>
	<u>Ismay</u>	<u>5000</u>
Expected gas zones: none	<u>oil Akah</u>	<u>5425</u>
	<u>oil Mississippi</u>	<u>6300</u>
Expected water zones: none		
Expected mineral zones: none		

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth, cased and cemented. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment:  
See attached pressure control sketch. A 3000 psi working, 6000 psi test  
BOP will be used to drill the well. Both a set of blind rams and  
pipe rams will be used to drill the well. The BOP's will be tested  
each 24 hour tour and a report will be made on the daily drilling  
report. BOP's will be tested to 2000 psi prior to drilling out  
the cement shoe

BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure-tested before drilling casing cement plugs. The Resource Area (will/will not) be notified \_\_\_\_\_ days in advance when pressure tests are to be conducted.

4. Casing Program and Auxiliary Equipment:  
a 15" hole will be drilled to 300'. 300 feet of 10 3/4"  
40.5 #/ft casing will be set and cemented to surface.  
a 7 7/8" hole will be drilled to total depth of  
6500' In the event of hole problems, an intermediate string of 8 5/8"  
Anticipated cements tops will be reported as to depth, not the will be  
expected number of sacks. The Resource Area (will/will not) set.  
be notified \_\_\_\_\_ days in advance when running casing  
strings and cement.

5. Mud Program and Circulating Medium:  
a low solids non-dispersed mud system will be used to the top of the  
salt at 5450. A saturated salt system will then be used to  
TD of 6500. Mud weights in excess of 9.0 #/gal are not anticipated  
Blooi line will be misted to reduce fugative dust when air  
drilling.

6. Coring, Logging and Testing Program:  
DST in the Moenkopi, Isman and Akah will be performed if  
good mud log shows occur Logs to be run will include:  
FDC CNL DIL L18 SP GR CBL . No coring is planned.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted to the District Office not later than thirty (30) days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, work-over, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Moab District Manager.

7. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards:  
No abnormal temperatures, pressures, water flows  
etc are anticipated. Bottom hole pressure should follow normal  
gradients of .33 psi/ft or 2000 psi bottom hole pressure.  
no potential hazards are anticipated in this well.

8. Anticipated Starting Dates and Notifications of Operations:

The operator will contact the San Rafael Resource Area at 801-637-0584 forty-eight (48) hours prior to beginning any dirt work on this location.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the District Manager. If operations are to be suspended, prior approval of the District Manager will be obtained and notification given before resumption of operations.

Dirt + above RH NO.  
The spud date (will/will not) be reported orally to the Area Manager within a minimum of twenty-four (24) hours prior to spudding. Written notification in the form of a Sundry Notice (form 3160-5) will be submitted to the District Office within twenty-four (24) hours after spudding. If the spudding occurs on a weekend or holiday, the written report will be submitted on the following regular work day.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 9-329, "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed directly with the BLM District Office, P.O. Box 970, Moab, Utah 84532.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported to the Resource Area in accordance with requirements of HTL-3A.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. In emergency situations, verbal approval to bring on a replacement rig will be approved by the District Petroleum Engineer.

Should the well be successfully completed for production, the District Manager will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) business days following the date on which the well is placed on production.

A first production conference will be scheduled within fifteen (15) days after receipt of the first production report. The Resource Area Office will coordinate the field conference.

No well abandonment operations will be commenced without the prior approval of the District Manager. In the case of newly-drilled dry holes or failures, and in emergency situations,

oral approval will be obtained from the District Petroleum Engineer. A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the District Manager within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Area Manager or his representative, or the appropriate surface managing agency.

Approval to vent/flare gas during initial well evaluation will be obtained from the District Office. This preliminary approval will not exceed 30 days or 50 MMCF gas. Approval to vent/flare beyond this initial test period will require District Office approval pursuant to guidelines in NTL-4A.

Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. The marker will be constructed as follows: If this well is plugged, Coors will contact the BLM for detailed plugging instructions.

The top of the marker will be closed or capped.

The following minimum information will be permanently placed on the marker with a plate, cap or beaded-on with a welding torch:

"Fed" or "Ind", as applicable. "Well number, location by 1/4 section, township and range". "Lease number".

Other: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

#### B. THIRTEEN-POINT SURFACE USE PLAN

##### 1. Existing Roads:

- a. Location of proposed well in relation to town or other reference point:

15 Miles Southwest of Green River on  
Highway #24

- b. Proposed route to location:

U.S. 24 Emery County Rd ?

- c. Plans for improvement and/or maintenance of existing roads:

As good as or better than  
existing roads.

*County Foreman  
Phone 801-381-2550  
Ron Barney  
Cassell*



d. Other: NONE

2. Planned Access Roads:

- a. The maximum total disturbed width will be 30 FT. feet.
- b. Maximum grades: Not to exceed 10%
- c. Turnouts: None
- d. Location (centerline): Flagged
- e. Drainage: 4-12" by 30' lengths and drainage collected as necessary
- f. Surface materials: Private source
- g. Other: channel change as per drawings



Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional area needed will be approved by the Area Manager in advance.

The access road will be rehabilitated or brought to Resource (Class III) Road Standards within sixty (60) days of dismantling of the drilling rig. If this time frame cannot be met, the Area Manager will be notified so that temporary drainage control can be installed along the access road.

3. Location of Existing Wells: NONE  
There is one dry hole located one mile west of the USA 1-26 HR.  
This well is the Texas Eastern Hatt Ranch 27-33 located in Sec 27,  
T22S,R14E. It was plugged in October of 1934

4. Location of Tank Batteries and Production Facilities:

All permanent (onsite for six (6) months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, nonreflective, earth tone color to match the standard environmental colors, as determined by the Rocky Mountain Five-State Interagency Committee. All facilities will be painted within six (6) months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded. Colors will be as follows:

---

---

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1-1/2 times the storage capacity of the battery.

All loading lines and valves will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.

All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.

Gas meter runs for each well will be located within five hundred (500) feet of the wellhead. The gas flowline will be buried from the wellhead to the meter along with any other sections occurring on the pad. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three (3) months on new meter installations and at least quarterly thereafter. The Area Manager will be provided with a date and time for the initial meter calibration and all future meter-proving schedules. A copy of the meter calibration reports will be submitted to the Resource Area Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

*Prescribed  
Lemon  
Gardner*

5. Location and Type of Water Supply:

All water needed for drilling purposes will be obtained from:  
LOCATION OF WATER TO BE USED TO DRILL WELL.  
SOUTH 195' EAST 1565' FROM THE WEST  
QUARTER CORNER SEC 27 T22S R14E  
SLBM. 14 MILES SOUTH WEST OF GREEN RIVER  
UTAH, WILL BE HANDLED BY PORTABLE DUMP AND AND

A temporary water use permit for this operation will be obtained TANK  
from the Utah State Engineer AND PHILLIP W. MARTIN. TRUCK  
Water obtained on private land, or land administered by another SOURCE:  
agency, will require approval from the owner or agency for use  
of the land.

WATER SERVICE INC

SAN RAFAEL RIVER

6. Source of Construction Material: MOAB, UTAH  
PERMIT NO. 93-

Pad construction material will be obtained from:

On site material

The use of materials under BLM jurisdiction will conform to 43  
CFR 3610.2-3. Source of construction material (will/will not)  
be located on lease.

7. Methods of Handling Waste Disposal:

The reserve pit (will/will not) be lined:

Determined during Const. of drilling if pit  
needs lining with bentonite

Three sides of the reserve pit will be fenced with 36 Net  
Wire - 1 barbed wire before drilling starts. The fourth side will  
be fenced as soon as the drilling is completed. The fence  
will be kept in good repair while the pit is drying.

All trash must be contained and disposed of by:

trash cage and haul to disposal site in Green River

If burning is required, a permit will be obtained from the  
State Fire Warden None

Produced waste water will be confined to a (lined/unlined) pit  
for a period not to exceed ninety (90) days after initial pro-  
duction. During the ninety (90) day period, an application  
for approval of a permanent disposal method and location,  
along with the required water analysis, will be submitted for  
the District Manager's approval pursuant to Onshore Oil and  
Gas Order No. 3 (NTL-2B).

Other: NONE

8. Ancillary Facilities:

Camp facilities (will/will not) be required. They will be located: There will be Camp Facilities

9. Well Site Layout:

The reserve pit will be located:

East side as per drawings

The top 8 inches of soil material will be removed from the location and stockpiled separately on CORNERS OF PAD  
4 sites

Topsoil along the access road will be reserved in place adjacent to the road. top soil in place

Access to the well pad will be from: S. Northwest corner of pad

The trash pit will be located: NONE

10. Plans for Restoration of Surface:

\* Immediately upon completion of drilling, the location and surrounding area will be cleared of all remaining debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry.

as per BLM authorized personnel

The operator or his contractor (will/will not) notify the San Rafael Resource Resource Area at Price, Utah forty-eight (48) hours before starting reclamation work that involves earthmoving equipment and upon completion of restoration measures.

\* All disturbed areas will be recontoured to the approximate natural contours. \_\_\_\_\_

\* The stockpiled topsoil will be evenly distributed over the disturbed areas. \_\_\_\_\_

\* Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface. \_\_\_\_\_

\* Seed will be broadcast or drilled at a time specified by the ELM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage. \_\_\_\_\_

\* The following seed mixture will be used: \_\_\_\_\_

Indian Rice grass	2 lbs
Curly grass	2 "
Sagebrush salt Bush	1/2 "
Shadscale	1/2 "
Sweet yellow clover	2 "

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed. \_\_\_\_\_

Additional Requirements: \_\_\_\_\_

11. Surface and Mineral Ownership:

U.S. Federal

12. Other Information:

There will be no deviation from the proposed drilling and/or workover program without prior approval from the District Manager. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.2.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

The dirt contractor will be provided with an approved copy of the surface use plan.

A cultural resource clearance (will/will not) be required before any construction begins. If any cultural resources are found during construction, all work will stop and the Area Manager will be notified.

This permit will be valid for a period of one (1) year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

11. ROAD ROW FROM BLM. BLM SURFACE  
AND MINERAL

13. Lessee's or Operator's Representative and Certification

Representative:

Name: Doug S. Sprague, Director of Oil and Gas  
Operations  
Address: Coors Energy Company 303-278-7030  
POB 467 Golden, Colorado 80402  
Phone No.: 303-278-7030

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by:  
Coors Energy Company of Golden, Colorado

and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

8/30/85  
Date

Doug S. Sprague

Name and Title

Director of Oil and Gas Operations

ONSITE

DATE: 8.27.85

PARTICIPANTS:

Merv Miles  
Jake Lomen  
Bob Hamilton  
Mae Oviatt  
Gordon Harward

TITLES:

BLM  
Coors Energy  
Archaeologist  
J+M Contractors  
Energy Surveyors

Your contact with the District Office is: Lynn Jackson

Office Phone: 801-259-6111

City: Moab

State: Utah

Resource Area Manager's address and contacts are:

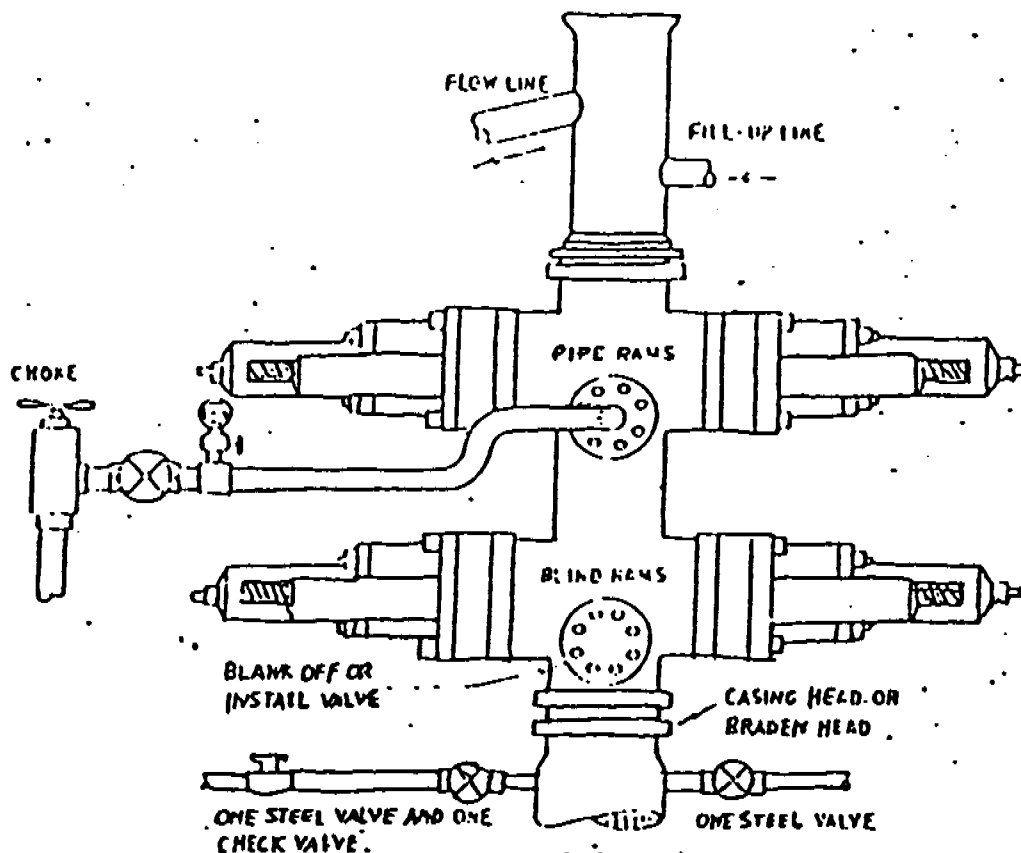
Address: 900 North - 7th East

Your contact is: Merv Miles

Office Phone: 801-1637-4584 Price Utah



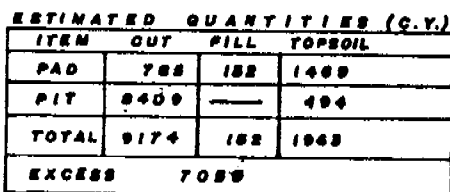
## SPECIAL BOP INSTRUCTIONS



### THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- A. One double gate blowout preventer with lower rams blind and upper rams for pipe, all hydraulically controlled, opening on preventers between rams.
- B. Opening to be flanged, studded or clamped and at least two inches diameter.
- C. All connections from operating manifold to preventers to be all steel hose or tube a minimum of one inch in diameter.
- D. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the preventers.
- E. All connections to and from preventers to have a pressure rating equivalent to that of the BOPs.
- F. Manual controls to be installed before drilling cement plug.
- G. Valve to control flow through drill pipe to be located on Rig floor.
- H. Choke may be either positive or adjustable.  
A choke spool may be used between preventers.
- I. Casinghead or Bradenhead flange will be 10" API Series 900
- J. After each string of casing is run, BOP and casinghead will be tested to 1000 psi. Pipe ram operation will be checked every 24 hours & blind rams checked every trip.

PLAT # 2  
PIT & PAD LAYOUT



C-1.2 ○  
200' REF. PT.  
REBAR / CAP  
STEEL POST

COORS ENERGY CO.  
USA #1-26 HR

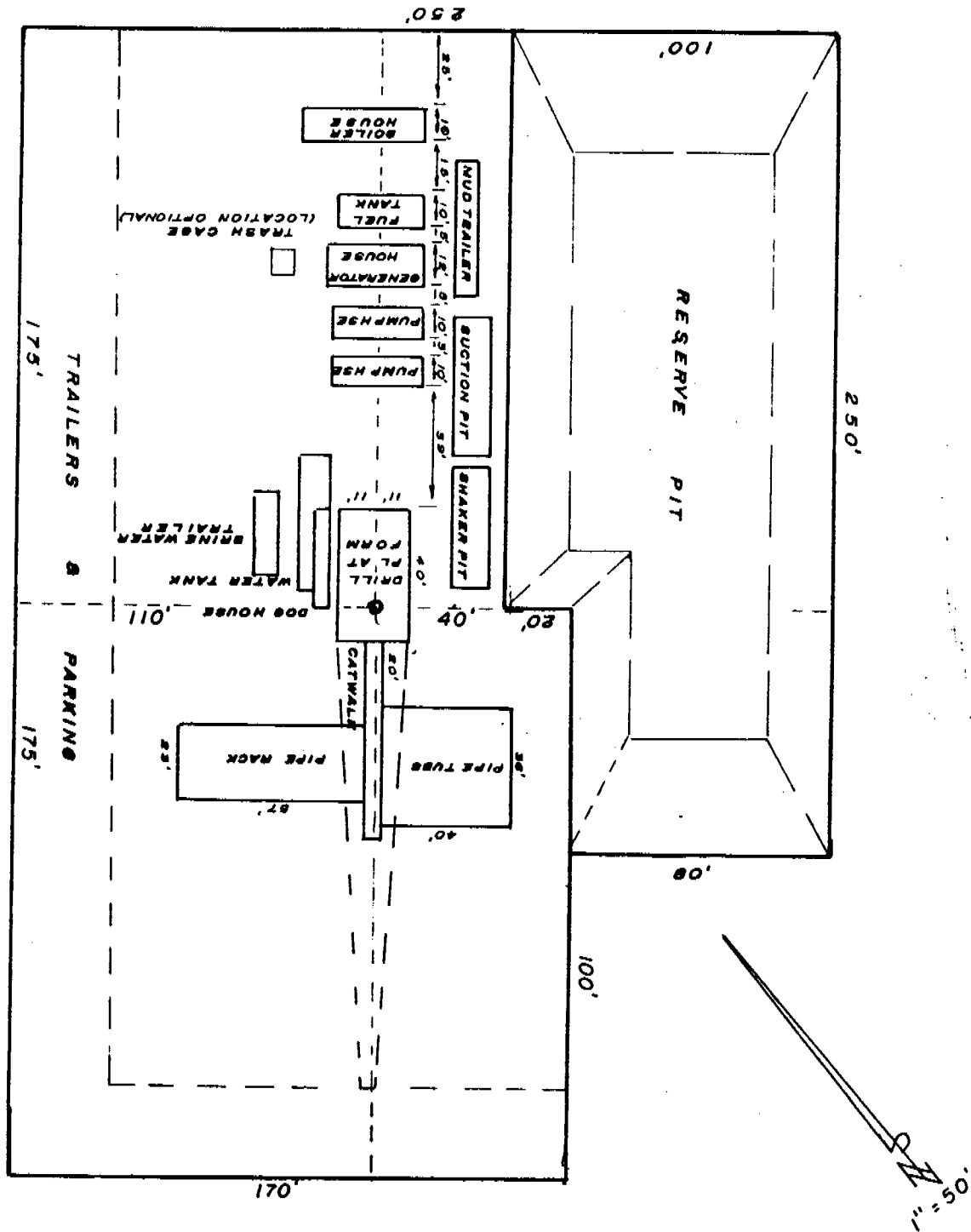
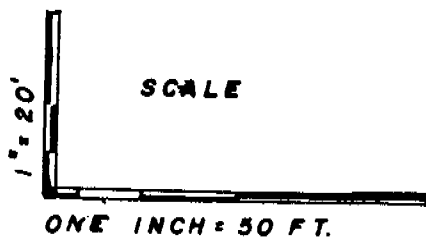
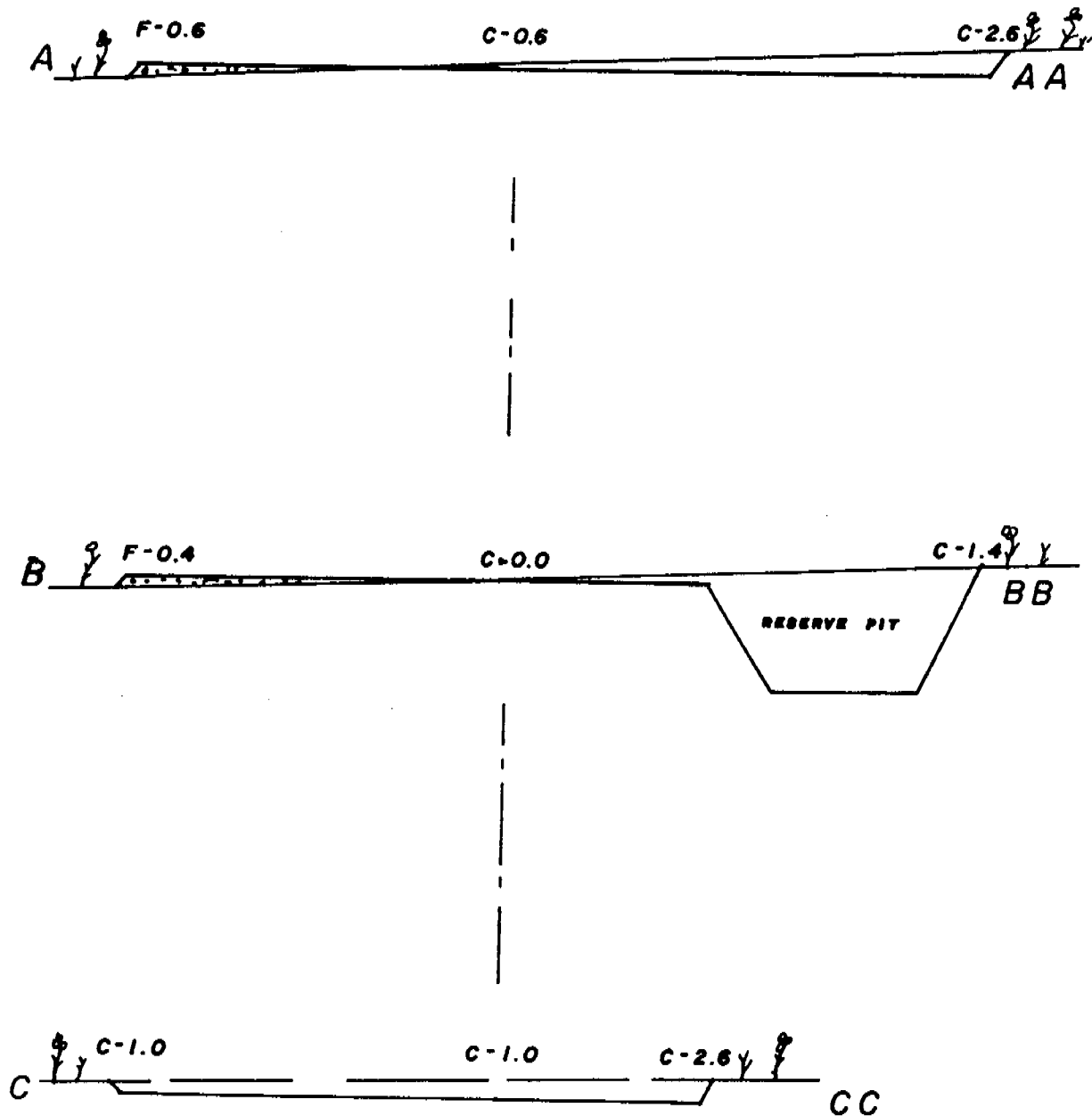
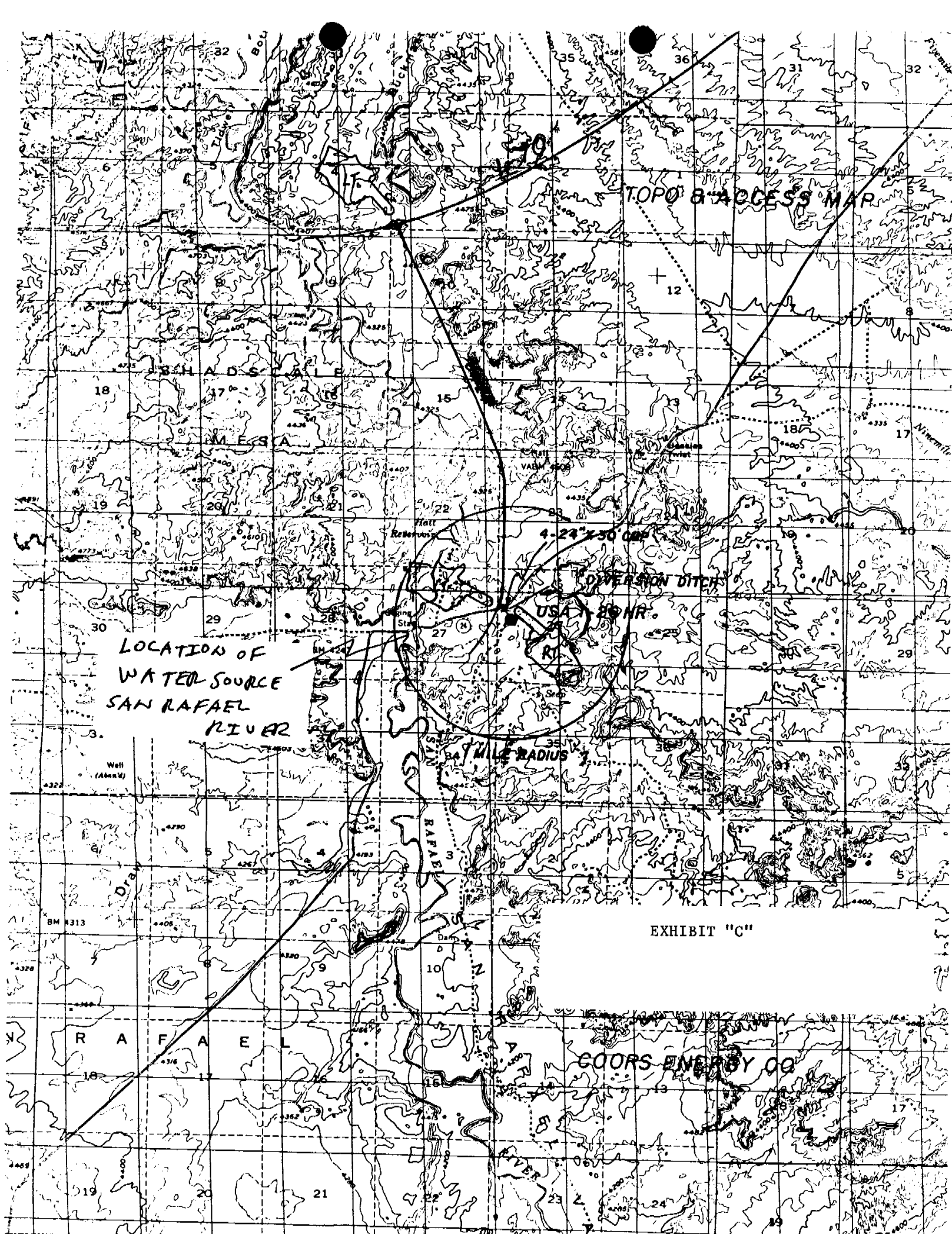


Exhibit "B-3"

EXHIBIT 'D'  
CROSS SECTIONS



COORS ENERGY CO.  
USA 1-26 HR



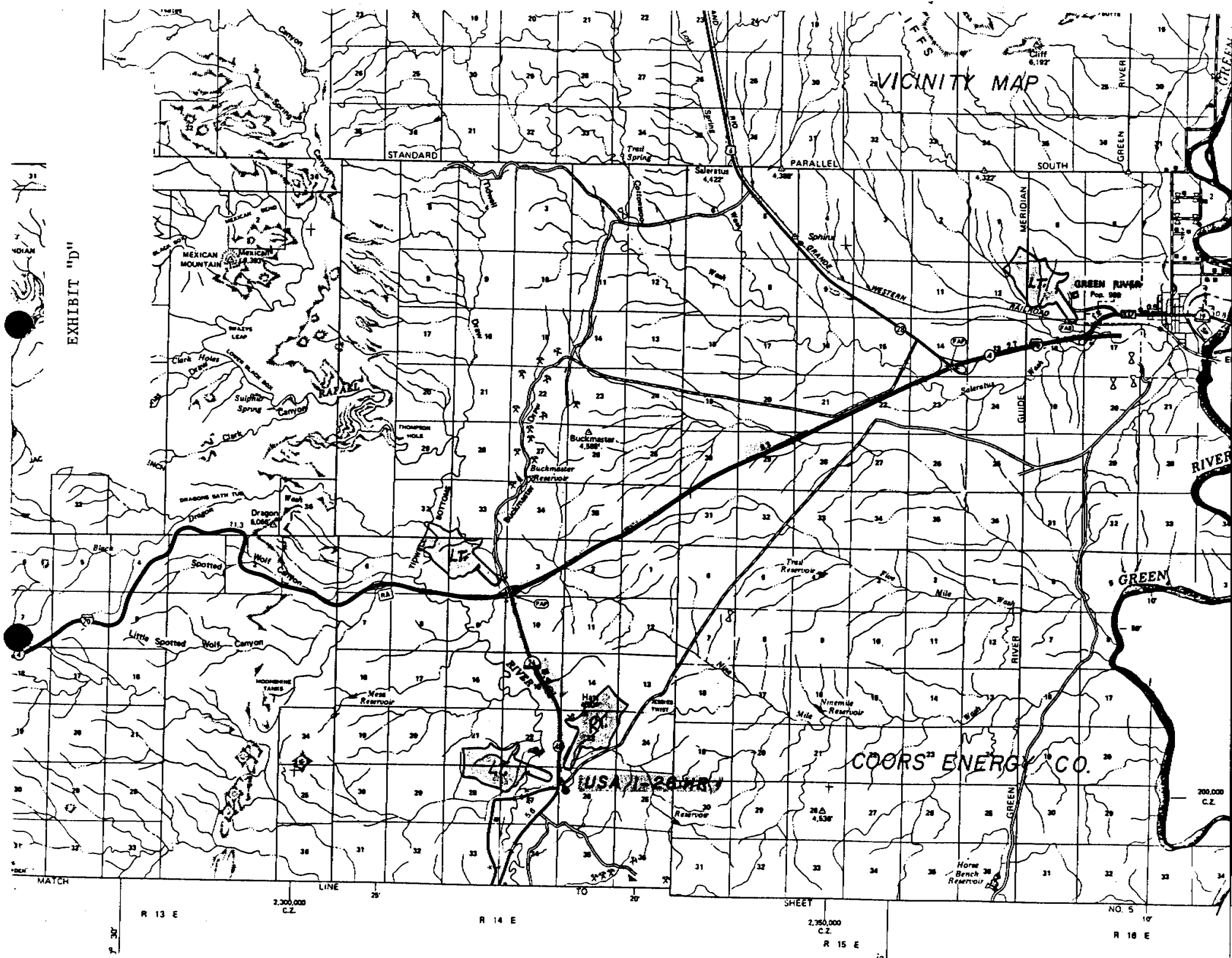


EXHIBIT "D"

VICINITY MAP

COORS ENERGY CO.

USA 1:250,000

R 13 E

R 14 E

SHEET

2,350,000  
C.Z.

R 15 E

NO. 5

R 16 E

R 14 E

R 15 E

R 16 E

R 17 E

110°00'00"  
39°00'00"

T  
21  
S

T  
22  
S

T  
23

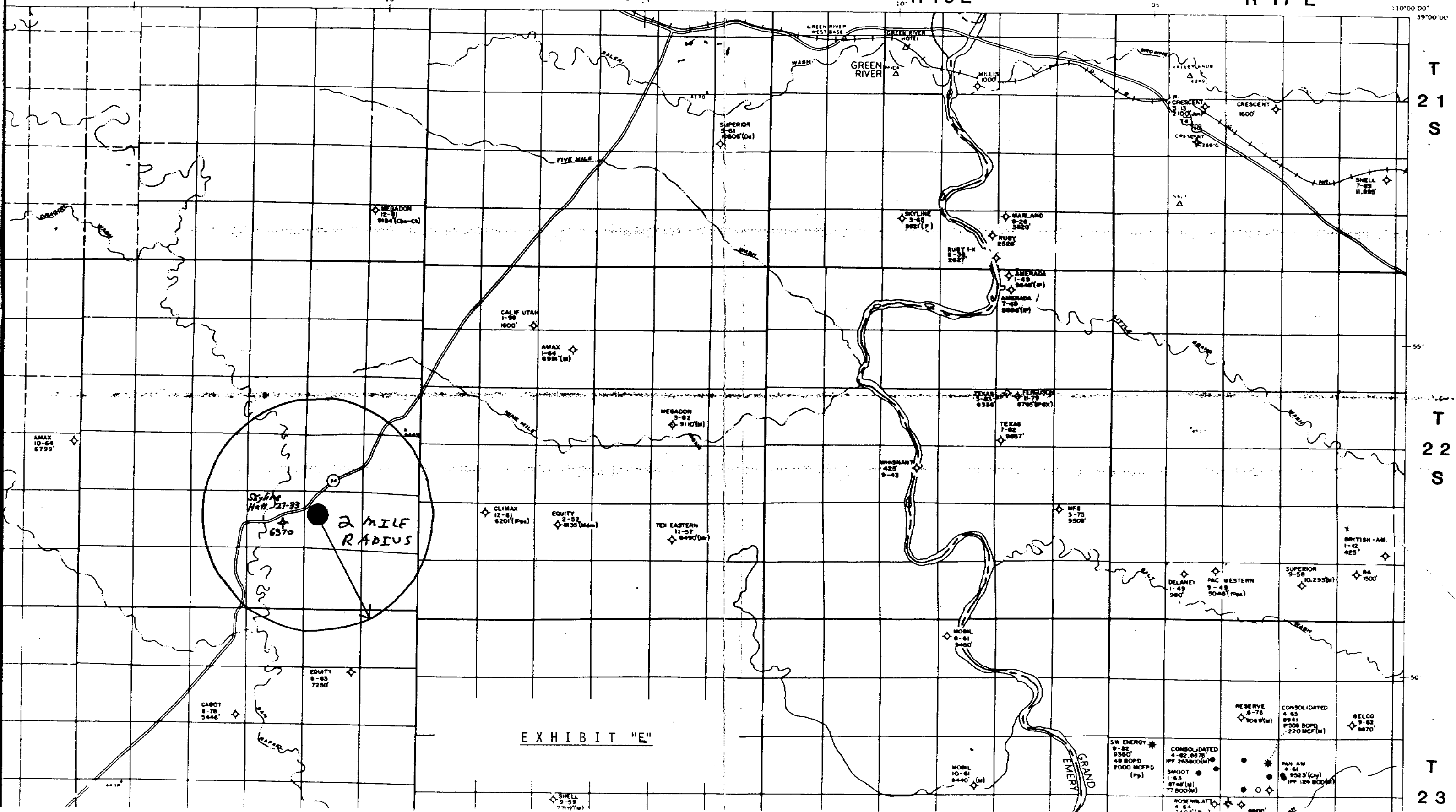


EXHIBIT "E"

<b>UTAH</b> EVERY ( MD ) MILBOCAT	<b>HOTLINE Energy Reports</b> <small>A BROWN'S ENERGY DATA COMPANY</small> 1638 17TH STREET, SUITE 215 DENVER, COLORADO 80202 303-423-3282 Completion: updated 9/85	<b>I-23</b> 22S - 14E - 27 NW SE SL Compl: 9/10/84 P&A
Oper: TEXAS EASTERN OIL CO. API# 43-015-30195 Well: HATT RANCH 27-33 NO 137589		
ML: 6/12/84 Spud: 6/26/84 TD: 6371 PB: 5306 Loc: 2088 Fel 1977 Fel EL: 4209 GR TD Date: 8/1/84 F.Test: 6600 Mississippian Can: Bayless #1		
Casing 9 5/8 @ 2288 w/1055 - 16 @ 75 - 7 @ 5350 w/300 Ccnc None		
DST #1 5180-5210 (Isney) Mierun -- #2 5170-5210 (Isney) op 15 si 30 op 120 si 240. Rec 360 ft MCH. Smplr: 1425 cc wtr. HP 2382-2400 FP 35-53-53- 204 SIP 2131-2164 BHT 100 F -- #3 6255-6371 (Mississippian) op 15 si 30 op 60 si 120. Rec 1220 ft MCH. Smplr: 1600 cc wtr. HP 2944- 2941 FP 70- 321 377-752 SIP 2833-2846 BHT 120 F		
Logs GR-BMC-Sonic FDC-CML DIL-SFL		
Tops L/T Summerville Surf Navajo 1025 Kayenta 1567 Wingate 1617 Chinle 2098 Shinarump 2260 Moenkopi 2362 Sinbad 2930 White Rim 3194 Wolfcamp 3420 Hermosa 4540 Isney 5080 Desert Creek 5335 Lur Hermosa 5878 miles 6012 Leadville 6034 LYD 6370		
Perfs 5134-48 5156 5146-66 (Isney) w/22 holes - acid w/500 gals 15% HCl -- Perf 5094-5098 (Isney) w/9 holes - acid w/500 gals 15% HCl -- Perf 4916- 4922 (Hermosa) w/13 holes - acid w/500 gals 15% HCl -- Perf 2826-2838 (Moenkopi) w/25 holes - acid w/1000 gals 20% HCl		
Journal 7/16/84 drlg @ 1592. 8/3/84 tight hole. 8/21/84 tight hole. 9/4/84 tight hole. 10/4/84 plugged & abandoned. details tight		

<b>UTAH</b> GRAND MILBOCAT
Oper: TEXAS Well: FEDERA
ML: 1/12/82 Loc: 500 Fel 1 F.Test: 10000
Casing 10 3/4 DST #1 625
Shows None
Tops L/T M:
Journal 12/22/





CERTIFICATION BY OPERATOR'S FIELD REPRESENTATIVE

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access road; that I am familiar with the conditions that presently exist; that the statements made in this plan are, to the best of my knowledge, true, complete, and correct; and that the work associated with this plan will be carried on by Adolph Coors Company, and its contractors and subcontractors, in conformity with the plan and the terms and conditions under which it is approved.

Date

8/30/85

Doug S. Sprague  
Doug S. Sprague

Director of Oil and Gas Operations

kr

## DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Moab, Utah  
SERIAL No.: U-53597

and hereby designates

NAME: Coors Energy Company  
ADDRESS: P.O. Box 467  
Golden, CO 80402

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 22 South, Range 14 East, SLM  
Section 26: NW $\frac{1}{4}$

Containing 160.00 acres, more or less

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

TEXAS EASTERN SKYLINE OIL COMPANY

By: Max D. Elman  
(Signature of lessee)

Executive Vice President

1775 Sherman Street, Suite 1200  
Denver, CO 80203

August 28, 1985

(Date)

(Address)

Texas Eastern Skyline Oil Company, a wholly owned subsidiary of Texas Eastern Corporation, has a nationwide Oil and Gas Bond No. 400GW 3795.



Grand River Consultants, Inc.

August 29, 1985

Mr. Ralph Nelms  
Coors Energy Company  
Bldg. 21, Suite 150  
Denver West Office Park  
1764 Cole Blvd.  
Denver, CO 80401

Dear Mr. Nelms:

Please find enclosed GRC Report 85024, covering the archaeological survey of Coors USA 1-26HR, Emery County, Utah, requested by Jake Amen in Grand Junction. No significant archaeological materials were found, and we have recommended clearance for the location.

Also enclosed is our bill for services. Please call if you have any questions. We appreciate the opportunity to be of service to you.

Sincerely,

SIGNED

Robert K. Alexander, Ph.D.  
Senior Archaeologist

PS: Please note for your files our change of address indicated on the invoice as:

Grand River Consultants, Inc.  
443 City View Lane  
Grand Junction, CO 81503

(our telephone number remains 241-0308)

cc: Coors Energy, Grand Junction

EXHIBIT "I"

**ARCHAEOLOGICAL SURVEY**  
**of**  
**COORS ENERGY USA 1-26HR**  
**EMERY COUNTY, UTAH**

**GRC Report 85038**

**by**

**Robert K. Alexander**

**GRAND RIVER CONSULTANTS, Inc.**  
**443 City View Lane**  
**Grand Junction, CO 81503**  
**(303) 241-0308**

**BLM Permit 84-UT-54936**

**State Survey Permit U-84-12-**

**August 29, 1985**

**Prepared for:**  
**Coors Energy Company**  
**Bldg. 21, Suite 150**  
**Denver West Office Park**  
**1746 Cole Blvd.**  
**Golden, CO 80401**

**Distribution:**  
**BLM - District Area Office, Price (1)**  
**State Office (1)**  
**Utah State Historical Society, Antiquities Division (1)**  
**Coors (2)**

Bureau of Land Management  
Utah State Office

Summary Report of  
Inspection for Cultural Resources

Report Acceptable

Yes ☐ No ☐

Mitigation Acceptable Yes ☐ No ☐

Comments:

1. Report Title Cold 1 1 - 26 HR

2. Development Company Coors Energy

3. Report Date 8/29 1985

4. Antiquities Permit No. 84-UT-54936

5. Responsible Institution GRAND N CLONIS UL County Emery

6. Fieldwork Location: TWN 22S Range 14E Section(s) 26

TWN 78 Range 82 Section(s) 86 87 88 89 90 91 92 93

7. Resource Area PR TWN 94 Range 98 Section(s) 102 103 104 105 106 107 108 109

PO=PONY EXPRESS, BR=BEAR RIVER, PR=PRICE RIVER, WS=WARM SPRINGS  
BC=BOOK CLIFFS, HR=HOUSE RANGE, SE=SEVIER RIVER  
HM=HENRY MOUNTAINS, BE=BEAVER RIVER, DX=DIXIE  
KA=KANAB, ES=ESCALANTE, SJ=SAN JUAN, GR=GRAND  
SR=SAN RAFAEL, DM=DIAMOND MOUNTAIN,

Fill in spaces 65, 69, 81, 85, 97, 101 Only if  
V=Vernal Meridian  
H=Half Township

8. Description of Examination Procedures:

Parallel transects 15m apart over well location (including 50' buffer)  
and access road, ca. 4 acres

9. Linear Miles Surveyed and/or 112 117

Definable Acres Surveyed and/or 118 123

\* Legally Undefinable Acres Surveyed 4

(\*A parcel hard to cadastrally locate i.e., center of section)

10. Inventory Type I

R=Reconnaissance  
I=Intensive  
S=Statistical Sample

11. Description of Findings (attach appendices, if appropriate) No cultural resources found

12. Number Sites Found: 0  
No sites = 0

13. Collection: N Y=Yes, N=No

14. Actual/Potential National Register Properties Affected:

None

15. Literature Search, Location/Date:

BLM - Price 8/27/85; Request with State 8/26/85

16. Conclusion/Recommendations:

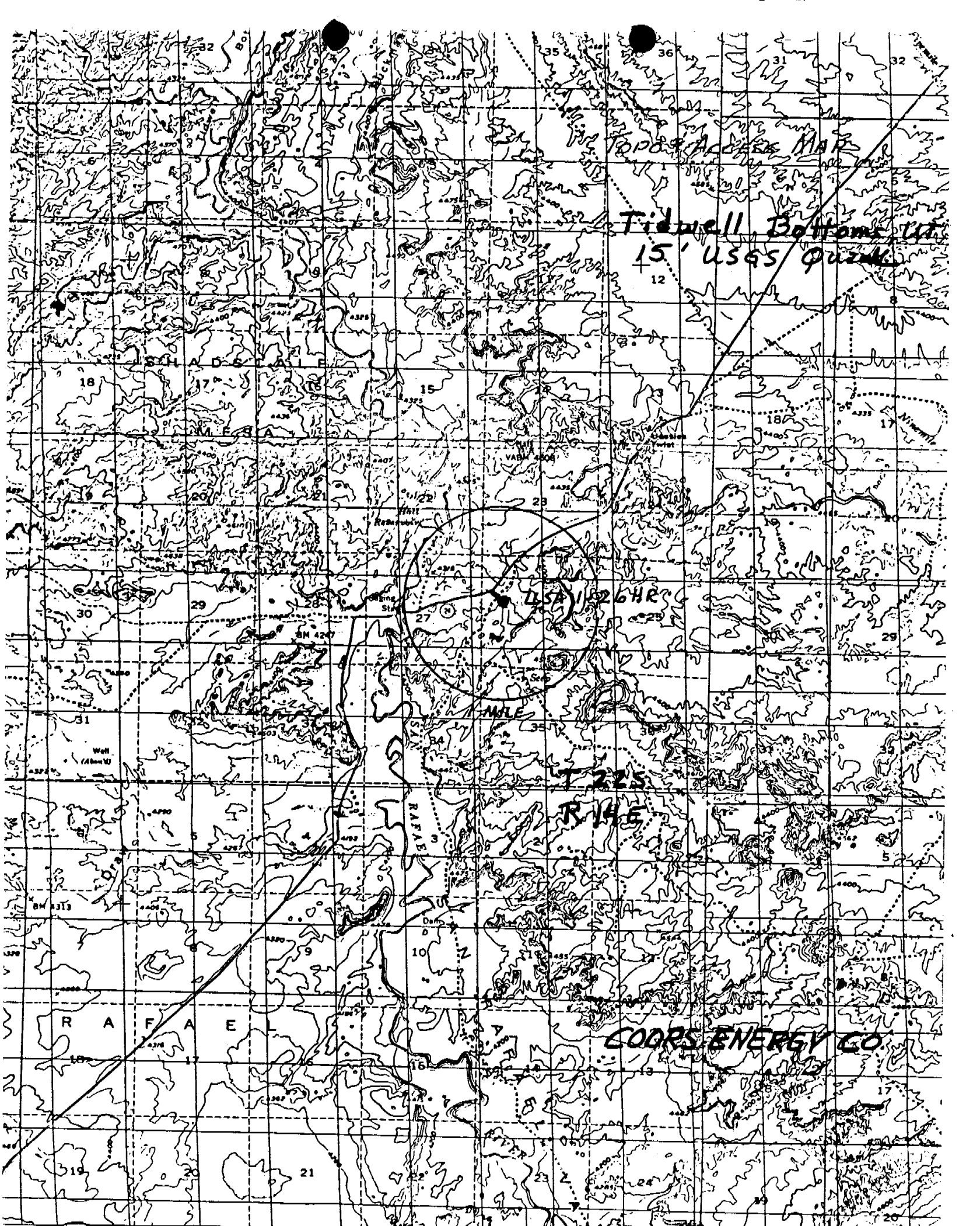
Clearance is recommended

17. Signature of Administrator & Field Supervisor: Administrator Robert K. [Signature]

Field Supervisor Robert K. [Signature]

\*For extra locationals use additional 8100-3 forms.

8100-3  
(2/85)



TOP OF ADAMS MAR  
Tidwell Bottoms, LA  
15' USGS QUAD

LSA 1126 HR

T 225  
R 14 E

COORS ENERGY CO.

RAFAEL

10

21

18

17

15

18

17

30

29

28

27

31

30

29

28

19

20

21

22

24

20

OPERATOR Cons Energy Co. DATE 9-3-85

WELL NAME USA 1-26 HR

SEC SWNW 26 T 22S R 14E COUNTY Emery

43-015-30720  
API NUMBER

Federal  
TYPE OF LEASE

CHECK OFF:



PLAT



BOND



NEAREST WELL



LEASE



FIELD



POTASH OR  
OIL SHALE

PROCESSING COMMENTS:

Exc. loc.

No other wells in section.

Needs water

APPROVAL LETTER:

SPACING:



A-3

UNIT



c-3-a

CAUSE NO. & DATE



c-3-b



c-3-c

STIPULATIONS:

1 - Water

2 - Exc. loc.

STATE OF UTAH  
OFFICE OF STATE ENGINEER  
SALT LAKE CITY, UTAH

OFFICIAL



RECEIPT

T61232 93-3531 ENC 9-4-85  
 to Phillip W. Martin  
 Address P.O. Box 1443  
 Moab, Utah 84532

EXISTING APPLICATION

PERMANENT CHANGE

EXCHANGE

TEMPORARY CHANGE

SEGREGATIONS

WELL (FILL) (S) (T) (M)

DILIGENCE CLAIM

EXTENSION OF TIME

RE ADVERTISING

COPIES

BLUEPRINTS

FEE RECEIVED

15.00

TOTAL  
CASH

MONEY ORDER

15.00

UTAH STATE ENGINEER

No. 18881

GASCO Business Forms

BY

R. Kuttke





STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

September 6, 1985

Coors Energy Company  
POB 467  
Golden, Colorado 80402

Gentlemen:

Re: Well No. USA 1-26HR - SW NW Sec. 26, T. 22S, R. 14E  
2329' FNL, 697' FWL - Emery County, Utah

Approval to drill the above-referenced oil well is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.
2. Submittal to the Division of information justifying the necessity for an exception location and verification of ownership within a radius of 500 feet of the proposed location.

In addition, the following actions are necessary to fully comply with this approval:

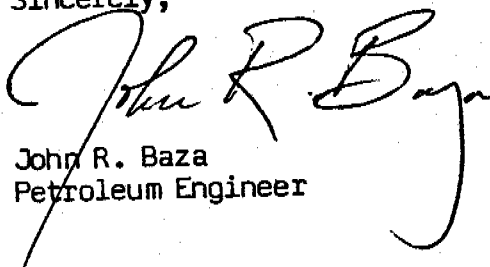
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Page 2  
Coors Energy Company  
Well No. USA 1-26HR  
September 6, 1985

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-015-30220.

Sincerely,

A handwritten signature in dark ink, appearing to read "John R. Baza". The signature is fluid and cursive, with a large, sweeping "J" and "B".

John R. Baza  
Petroleum Engineer

jbl  
Enclosures  
cc: Branch of Fluid Minerals

RECEIVED

SUBMIT IN TRIPPLICATE

Form approved.  
Budget Bureau No. 42-R1423.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SEP 23 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

TYPE OF WORK

DRILL ☒ XXX

DEEPEN ☐

PLUG BACK ☐

TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

OTHER ☐

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

XXXX

NAME OF OPERATOR

Coors Energy Company 303-278-7030

ADDRESS OF OPERATOR

POB 467 Golden, Colorado 80402

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface

At proposed prod. zone

697 FWL 2329 FNL Sec 26 SWNW

DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

14 miles South West of Green River, Utah

DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

3300'

DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

none

16. NO. OF ACRES IN LEASE

4621.78

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

19. PROPOSED DEPTH

6500

20. ROTARY OR CABLE TOOLS

Rotary

ELEVATIONS (Show whether DF, RT, GR, etc.)

4215 GL

22. APPROX. DATE WORK WILL START\*

Oct 1 1985

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10 3/4	40.5	300	300 sacks
7 7/8"	4 1/2	11.6	6500	300 sacks

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED

D.S. Sprague

TITLE

Director of Oil and Gas  
Operations

DATE

8/30/85

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

/S/ GENE MODINE

DISTRICT MANAGER

17 SEP 1985

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

8. No abnormal temperatures, pressures of other hazards are expected.

FLARING OR VENTING OF  
GAS IS SUBJECT OF NTL 4-A  
DATED 1/1/80

\*See Instructions On Reverse Side

9. Duration of Operations 15 to 20 days

State of Utah - DOGM

Coors Energy Company  
Well No. Hatt Ranch USA 1-26 HR  
Sec. 26, T. 22 S., R. 14 E.  
Emery County, Utah  
Lease U-53597

CONDITION OF APPROVAL

B. THIRTEEN-POINT SURFACE USE PLAN

If any paleontological resources are found during construction and drilling operations, all work will stop and the Area Manager will be notified.

Your contact with the District Office is:

Greg Noble, Petroleum Engineer

Office Phone: 801-259-6111

Home Phone: 801-259-8811

                    , Petroleum Engineer

Office Phone:                     

Home Phone:                     

Address:

82 East Dogwood, P. O. Box 970  
Moab, Utah 84532

Your contact with the San Rafael Resource Area Office is:

Mervin S. Miles, Environmental Inspection Specialist

Office Phone: 801-637-4584

Home Phone: 801-748-2249

Address:

900 N. 700 E., P. O. Box AB  
Price, Utah 84501



P.O. BOX 467 GOLDEN, COLORADO 80402

RECEIVED

SEP 23 1985

DIVISION OF OIL  
GAS & MINING

September 16, 1985

Mr. John R. Baza  
Petroleum Engineer  
State of Utah  
Division of Oil, Gas & Mining  
4241 State Office Bldg.  
Salt Lake City, Utah 84114

Re: USA 1-26HR  
Section 26, T22S-R14E  
Emery County, Utah  
Request for Exception to Well Spacing

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 9/30/85

BY: John R. Baza

Dear Mr. Baza:

The purpose of this letter is to request an exception to the State of Utah Rule C-3, General Well Spacing Requirements. The USA 1-26HR is located 2329'FWL and 697'FWL of Section 26, T22S-R14E. This location is 311' from the south border of the NW/4 of Section 26, T22S-R14E, (see previously submitted survey plat).

Rule C-3(C)(1)

The explanation as to why our well was spotted within the 500' limit is due to seismographic limitations. Due to seismic restrictions, the present location was the only feasible location of the USA 1-26HR wellpad within the NW/4. Also, note that the entire Section 26, T22S-R14E is held by a farm-in agreement between Coors Energy Company and Texas Eastern Skyline under Federal Lease U53597.

Page 2  
Request for Exception to Well Spacing  
USA 1-26HR

Rule C-3(C)(2)

Also note that the ownership of all oil and gas leases within a radius of 660' of the location of the USA 1-26HR is common with the ownership of the oil and gas leases under the USA 1-26HR location.

Coors Energy Company has an farm-in agreement with Texas Eastern Skyline Corp. for all of Section 26; therefore, Coors has control of all of Section 26, T22S-R14W, San Emery County, Utah.

Water Permit

Please find attached a copy of Coors' paid invoice for a permit to appropriate water from the Utah Division of Water Rights with the approved permit number issued to us by the State of Utah, Division of Water Rights written on the invoice.

Please call us if you find that you have any questions regarding our application. Thank you.

Very truly yours,



R. L. Nelms  
Petroleum Engineer

RLN:kr

cc: D. Sprague  
R. L. Martin  
File

Enclosures

## DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API #43-015-30220

NAME OF COMPANY: COORS ENERGY COMPANYWELL NAME: USA 1-26HRSECTION SW NW 26 TOWNSHIP 22S RANGE 14E COUNTY EmeryDRILLING CONTRACTOR Veco DrillingRIG # 9SPUDDED: DATE 9-29-85TIME 8:00 PMHOW RotaryDRILLING WILL COMMENCE REPORTED BY Karen RohrTELEPHONE # (303) 278-7030DATE 9-30-85 SIGNED DS



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> U-53597
<b>1. OIL WELL</b> <input checked="" type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b> -----
<b>2. NAME OF OPERATOR</b> Coors Energy Company		<b>7. UNIT AGREEMENT NAME</b> Hatt Ranch
<b>3. ADDRESS OF OPERATOR</b> PO Box 467, Golden, Colorado 80402		<b>8. FARM OR LEASE NAME</b> USA
<b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 697'FWL, 2329'FNL, SW/4NW/4		<b>9. WELL NO.</b> 1-26HR
<b>14. PERMIT NO.</b> 43-015-30220		<b>10. FIELD AND POOL, OR WILDCAT</b> Wildcat
<b>15. ELEVATIONS</b> (Show whether DF, NT, OR, etc.) 4215'GL		<b>11. SEC., T., R., M., OR BLK. AND SUBSECT OR AREA</b> Sec. 26, T22S-R14E
<b>12. COUNTY OR PARISH</b> Emery		<b>13. STATE</b> Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Progress Report</u>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

9/29/85 Spudded well at 8:00PM this day w/Veco Rig #9.

Presently drilling ahead until further notice.

18. I hereby certify that the foregoing is true and correct

SIGNED

R. I. Martin

TITLE V.P. O/G Operations

DATE

10-1-85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLED COPY  
(Other instructions on  
reverse side)

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		<b>RECEIVED</b>  OCT 07 1985  DIVISION OF OIL & MINING	3. LEASE DESIGNATION AND SERIAL NO. U-53597
2. NAME OF OPERATOR Coors Energy Company			6. IF INDIAN, ALLOTTEE OR TRIBE NAME ----
3. ADDRESS OF OPERATOR PO Box 467, Golden, Colorado 80402			7. UNIT AGREEMENT NAME Hatt Ranch
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 697'FWL, 2329'FNL, SW/4NW/4			8. FARM OR LEASE NAME USA
5. PERMIT NO. 43-015-30220		6. ELEVATIONS (Show whether OF, RT, OR, etc.) 4215'GL	9. WELL NO. 1-26HR
10. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		11. FIELD AND POOL, OR WILDCAT Wildcat	
12. COUNTY OR PARISH Emery		13. STATE Utah	

10. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Progress Report</u> <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

9/30 to  
10/3/85 Drilled to 407', ran 404.36' of 13-3/8" casing to 403'KB,  
cemented w/470 sx. Class G cement w/2% CACL, 1/4# celloflakes.  
BP at 5:20AM 10/3/85.

18. I hereby certify that the foregoing is true and correct

SIGNED

R. L. Martin  
R. L. Martin

TITLE V.P. O/G Operations

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
OIL AND GAS INSPECTION RECORD

OPERATOR COORS ENERGY COMPANY LEASE U-53597  
WELL NO. U.S. 1-26 HR API #43-015-30220  
SW NW SEC. 26 T. 22S R. 14 E CONTRACTOR VECO RIG # 9  
COUNTY EMERY FIELD WILDCAT (Near the Hatt Ranch) Hyway #28(Hanksville)<sup>to</sup>

DRILLING/COMPLETION/WORKOVER:

☒ APD  
☒ SAFETY  
☒ OPERATIONS

☒ WELL SIGN  
☒ POLL. CONTROL  
☒ OTHER

☒ HOUSEKEEPING  
☒ SURFACE USE

☒ BOPE  
☒ PITS

SHUT-IN / TA :

☐ WELL SIGN  
☐ OTHER

☐ HOUSEKEEPING

☐ EQUIPMENT\*

☐ SAFETY

ABANDONED:

☐ MARKER

☐ HOUSEKEEPING

☐ REHAB.

☐ OTHER

PRODUCTION:

☐ WELL SIGN  
☐ METERING\*  
☐ SECURITY

☐ HOUSEKEEPING  
☐ POLL. CONTROL  
☐ SAFETY

☐ EQUIPMENT\*  
☐ PITS  
☐ OTHER

☐ FACILITIES\*  
☐ DISPOSAL

GAS DISPOSITION:

☐ VENTED/FLARED

☐ SOLD

☐ LEASE USE

LEGEND: Y - YES OR SATISFACTORY  
N - NO OR UNSATISFACTORY  
NA - NOT APPLICABLE

\*FACILITIES INSPECTED:

~~Went onto the Rig, all was clean, drilling at 3261 feet...~~  
Anticipate going to 6500 feet, Missippian formation at this time. They were suffering some loss of circulation, and were using 1.5% Loss circulation inhibitor. The BOP was

REMARKS: in place, they have had no sign of Oil, or gas to date, however they would have Reached the same formation that Texas Eastern Skyline hit oil some 200 Yards to the North West over a year ago...That well was closed after 2 months trying to squeeze off the water that flooded the operation This well is South East of the old road, entry from Hyway #28.

ACTION: less than a mile from the Hatt ranch. The reserve pit is not sealed off by a polyethylene liner, but appears to be holding water well, and is quite full, It is about 150 feet long and 70 feet wide, deep to over 12 feet, and a sloping inside of 16 - 18 fe.

I spoke to their Company man, Jake Amen. There are 3 house trailers on site, Tanker and

INSPECTOR: Water storage equipment.

DATE 10/18/85

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-53597	
2. NAME OF OPERATOR Coors Energy Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----	
3. ADDRESS OF OPERATOR PO Box 467, Golden, Colorado 80402		7. UNIT AGREEMENT NAME Hatt Ranch	
4. LOCATION OF WELL (Report location clearly and in accordance with any State law. See also space 17 below.) At surface 697'FWL, 2329'FNL, SW/4NW/4		8. FARM OR LEASE NAME USA	
14. PERMIT NO. 43-015-30220		9. WELL NO. 1-26HR	
15. ELEVATIONS (Show whether DF, ST, CR, etc.) 4215'GL		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 26, T22S-R14E	
		12. COUNTY OR PARISH Emery	
		13. STATE Utah	

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Progress Report ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

10/4 to  
10/29/85 Drilling ahead, presently at 4909'.

18. I hereby certify that the foregoing is true and correct

SIGNED

R. L. Martin

TITLE V.P. O/G Operations

DATE

10-29-85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT TO PERMIT DATE  
(Other instructions on reverse side)

### SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-53597
2. NAME OF OPERATOR Coors Energy Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---
3. ADDRESS OF OPERATOR PO Box 467, Golden, Colorado 80402		7. UNIT AGREEMENT NAME Hatt Ranch
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 697'FWL, 2329'FNL, SW/4NW/4		8. FARM OR LEASE NAME USA
16. PERMIT NO. 43-015-30220		9. WELL NO. 1-26HR
17. ELEVATIONS (Show whether SF, RT, OR, etc.) 4215'GL		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC. T., R., M., OR BLK. AND SUBST. OR AREA Sec. 26, T22S-R14E
		12. COUNTY OR PARISH Emergy
		13. STATE Utah

16.

#### Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

##### NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
☐  
☐  
☐

FULL OR ALTER CASING

☐  
☐  
☐  
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

##### SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
☐  
☐  
☐

FRACTURE TREATMENT

REPAIRING WELL

☐  
☐  
☐  
☐

SHOOTING OR ACIDIZING

ALTERING CASING

(Other) Progress Report

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

10/30 to

11/13/85 Drilled to TD of 7056'.

11/14/85 Spotted cement plug from 6800-6600' w/50 sx. 50/50 pozmix.  
Spotted cement plug from 4300-4100' w/50 sx. 50/50 pozmix.

Ran 85 jts of 4-1/2" 11.60# J55 LTC casing, landed at 3393'KB,  
marker joint at 2686', cemented w/500 sx.50/50 pozmix.

11/15/85 Presently SI, WOCT.

See copy of cement plugging attached.

RECEIVED

NOV 21 1985

DIVISION OF OIL  
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

*R. L. Martin*  
R. L. Martin

TITLE

V.P. O/G Operations

DATE

11-18-85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

# **JOB SUMMARY**

FORM 2023

BEST COPY  
AVAILABLE

HALLIBURTON  
LOCATION

*U. 11-11-85*

BILLED ON  
TICKET NO. *745399*

## **WELL DATA**

FIELD \_\_\_\_\_ SEC. *21* TWP. *22S* RANG. *14E* COUNTY *Emery* STATE *UT*

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_  
PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_  
COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_  
PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_  
MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<i>N</i>		<i>4 1/2</i>	<i>RB</i>	<i>3393</i>	
LINER						
TUBING						
OPEN HOLE			<i>7 7/8</i>			SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

## **JOB DATA**

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <i>11-13-85</i>	DATE <i>11-13-85</i>	DATE <i>11-13-85</i>	DATE <i>11-14-85</i>
TIME <i>0300</i>	TIME <i>1130</i>	TIME <i>1745</i>	TIME <i>0700</i>

TOOLS AND ACCESSORIES		
TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE	<i>1</i>	<i>Howe</i>
CENTRALIZERS		
BOTTOM FLUG		
TOP FLUG		
HEAD		
PACKER		
OTHER		

MATERIALS		
TREAT. FLUID	DENSITY	LB/GAL. API
DISPL. FLUID	DENSITY	LB/GAL. API
PROP. TYPE	SIZE	LB.
PROP. TYPE	SIZE	LB.
ACID TYPE	GAL.	%
ACID TYPE	GAL.	%
ACID TYPE	GAL.	%
SURFACTANT TYPE	GAL.	IN
NE AGENT TYPE	GAL.	IN
FLUID LOSS ADD. TYPE	GAL.-LB.	IN
GELLING AGENT TYPE	GAL.-LB.	IN
FRIC. RED. AGENT TYPE	GAL.-LB.	IN
BREAKER TYPE	GAL.-LB.	IN
BLOCKING AGENT TYPE	GAL.-LB.	
PERFAC BALLS TYPE	QTY.	
OTHER		
OTHER		

PERSONNEL AND SERVICE UNITS		
NAME	UNIT NO. & TYPE	LOCATION
<i>P. M. H. H.</i>	<i>35802</i>	
<i>G. H. H.</i>	<i>3741</i>	<i>U. 11-11-85</i>
<i>S. Peterson</i>		
<i>C. Fulkerson</i>	<i>Super</i>	

DEPARTMENT *Cut*  
DESCRIPTION OF JOB *Plug back & Redd*  
JOB DONE THRU: TUBING ☒ CASING ☒ ANNULUS ☐ TEG./ANN. ☐  
CUSTOMER REPRESENTATIVE *X Ralph J. Adams*  
HALLIBURTON OPERATOR *Shelly P. McMillan* COMES REQUESTED

## **CEMENT DATA**

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU. FT./SK.	MIXED LBS./GAL.
<i>1-2</i>	<i>600</i>	<i>50-90</i>	<i>202</i>			<i>29.5-1 10% S-17</i>	<i>1.29</i>	<i>14.4</i>

**PRESSURES IN PSI**  
CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_  
BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_  
AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_  
SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_  
**HYDRAULIC HORSEPOWER**  
ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_  
**AVERAGE RATES IN BPM**  
TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
**CEMENT LEFT IN PIPE**  
FEET \_\_\_\_\_ REASON \_\_\_\_\_

## **SUMMARY**

## **VOLUMES**

PRESLUSH: SBL-GAL. *10* TYPE *11-11-85*  
LOAD & SKDN: SBL-GAL. \_\_\_\_\_ PAD: SBL-GAL. \_\_\_\_\_  
TREATMENT: SBL-GAL. \_\_\_\_\_ DISPL: SBL-GAL. *52.5*  
CEMENT SLURRY: SBL-GAL. *114* *Long string*  
TOTAL VOLUME: SBL-GAL. \_\_\_\_\_

## **REMARKS**

**RECEIVED**

NOV 21 1985

DIVISION OF OIL  
GAS & MINING

RETAIN

HALLIBURTON

SERVICES

FORM 1908 R-4

A Division of Halliburton Company  
DUNCAN, OKLAHOMA 73836BEST COPY  
AVAILABLE  
WORK ORDER CONTRACT  
AND PRE-TREATMENT DATAATTACH TO  
INVOICE & TICKET NO. 245559DISTRICT WinnifredDATE 11-14-85

TO: HALLIBURTON SERVICES

YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: Coalis(CUSTOMER)  
AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICINGWELL NO. 1-26 HP LEASE USA SEC. 26 TWP. 27S RANGE 14EFIELD \_\_\_\_\_ COUNTY Sevier STATE UT OWNED BY Coalis

## THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_

FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

PACKER: TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

TOTAL DEPTH \_\_\_\_\_ MUD WEIGHT \_\_\_\_\_

BORE HOLE \_\_\_\_\_

INITIAL PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCFPRESENT PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	<u>N</u>		<u>4 1/2</u>	<u>HP</u>	<u>3393</u>	
LINER						
TUBING						
OPEN HOLE			<u>7 7/8</u>			SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE \_\_\_\_\_ TYPE \_\_\_\_\_ MATERIALS \_\_\_\_\_

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ☐ ANNULUS ☐ CASING ☐ TUBING/ANNULUS ☐ HYDRAULIC HORSEPOWER ORDERED \_\_\_\_\_PB To 4100'Cement Plug Log To 3393'

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

As consideration, the above-named Customer agrees:

- To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists.
- Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.
- Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.
- Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Halliburton hereunder.
- Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.
- Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
- Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it.
- Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
- Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
- This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished.
- Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT  
THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.SIGNED Pat 22

CUSTOMER

DATE 11-19-85TIME 1130 A.M. P.M.

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

RETAIN

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

3. LEASE DESIGNATION AND SERIAL NO.

U-53597

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

---

7. UNIT ASSIGNMENT NAME

Hatt Ranch

5. FARM OR LEASE NAME

USA

9. WELL NO.

1-26HR

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M. OR BLOCK AND SURVEY OR AREA

Sec. 26, T22S-R14E

12. COUNTY OR PARISH

Emery

13. STATE

Utah

18. ELEVATIONS (OF, REB, RT, OR, ETC.)\*

4215' GL, 4232' KB

19. ELEV. CASINGHEAD

---

23. INTERVALS DRILLED BY

0-7056'

24. ROTARY TOOLS

no

25. CABLE TOOLS

no

26. WAS DIRECTIONAL SURVEY MADE

no

27. WAS WELL CORED

no

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other P&A

## 2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EX ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other RECEIVED

## 2. NAME OF OPERATOR

Coors Energy Company

## 3. ADDRESS OF OPERATOR

PO Box 467, Golden, Colorado 80402

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations)\*

At surface 697'FWL, 2329'FNL, SW/4NW/4

At top prod. interval reported below same

At total depth same

## 14. PERMIT NO.

43-015-30220

## DATE ISSUED

9/5/85

## 15. DATE SPUDDED

9/29/85

## 16. DATE T.D. REACHED

11/12/85

## 17. DATE COMPL. (Ready to prod.)

12/5/85

## 20. TOTAL DEPTH, MD &amp; TVD

7056'

## 21. PLUG, BACK T.D., MD &amp; TVD

surface

## 22. IF MULTIPLE COMPL., HOW MANY\*

---

## 23. INTERVALS DRILLED BY

0-7056'

## 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

P&amp;A all zones (Moenkopi A 2980-2988, Sinbad 3102-3096')

## 26. TYPES ELECTRIC AND OTHER LOGS RUN

DIL/SFL, CNL, GR, Sonic logs

## 28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT FULLED
13-3/8"	54.50#	403' KB	17-1/2"	470 sx.	none
4-1/2"	11.60#	3393' KB	7-7/8"	500 sx.	none

Note that 4-1/2" casing was left in the well and cemented internally and externally to surface. Both in open hole and in 13-3/8" annulus from 2180' to surface.

## 29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

## 31. PERFORATION RECORD (Interval, size and number)

Cement plug from 6800-6600'.

4300-4100'

3096-3102' w/4 SPF and

2980-2988' w/4 SPF

## 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6600-6800'	50 sx. 50/50 pozmix
4100-4300'	50 sx. 50/50 pozmix
2980-3102'	1500 gals 20% HCL acid, 194 bbls fluid, 10780# 20/40 sand

## 33. PRODUCTION

DATE FIRST PRODUCTION SEE THIRD PAGE

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Producing or shut-in) P&amp;A

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	

## 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

## 35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

DATE

\* (See Instructions and Spaces for Additional Data on Reverse Side)



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

3. LEASE DESIGNATION AND SERIAL NO.

U-53597

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Hatt Ranch

8. FARM OR LEASE NAME

USA

9. WELL NO.

1-26HR

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

Sec. 26, T22S-R14E

12. COUNTY OR  
PARISH  
Emery13. STATE  
Utah

14. PERMIT NO.

DATE ISSUED

DEC 16 1985

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other P&A

1. TYPE OF COMPLETION:

NEW  
WELL ☒WORK  
OVER ☐DEEP-  
EN ☐PLUG  
BACK ☐DIFF.  
RESRV. ☐Other ☐

RECEIVED

2. NAME OF OPERATOR

Coors Energy Company

3. ADDRESS OF OPERATOR

PO Box 467, Golden, Colorado 80402

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

At top prod. interval reported below

At total depth

DIVISION OF OIL  
& MINING

15. DATE STUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (OF, BEH, BY, OR, ETC.)*	19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	24. ROTARY TOOLS
25. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*				26. CABLE TOOLS
27. TYPE ELECTRIC AND OTHER LOGS RUN				28. WAS DIRECTIONAL SURVEY MADE
29. TYPE ELECTRIC AND OTHER LOGS RUN				30. WAS WELL CORED

## CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	MOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

## 31. PREPARATION RECORD (Interval, size and number)

Cement plug 3045-2832', jet cut casing & cemented @ 2180', unable to recover 4-1/2" casing after it was cut.  
Shot 8 holes @ 1250' to circ. cement  
Shot 6 holes @ 820' to circ. cement

## 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2832-3045'	15 sx. cement
2180-1500'+	250 sx. 50/50 pozmix
1250-850'	635 sx. 50/50 pozmix
820-surface	500 sx. cement

## 33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
SEE THIRD PAGE							
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
FLOW, TUBING FROM	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	

## 35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

V.P. operations

DATE

12-12-85

\*(See Instructions and Spaces for Additional Data on Reverse Side)

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

Page 3 of 3

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <u>P&amp;A</u>										3. LEASE DESIGNATION AND SERIAL NO. U-53597	
2. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____										6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____	
2. NAME OF OPERATOR Coors Energy Company										7. UNIT AGREEMENT NAME Hatt Ranch	
3. ADDRESS OF OPERATOR PO Box 467, Golden, Colorado 80402										8. FARM OR LEASE NAME USA	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 697'FWL, 2329'FNL, SW/4NW/4 At top prod. interval reported below same At total depth same										9. WELL NO. 1-26HR	
10. FIELD AND POOL, OR WILDCAT Wildcat										11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 26, T22S-R14E	
12. COUNTY OR PARISH Emery										13. STATE Utah	
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (OF, BSR, RT, OR, ETC.)*		19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD		21. PLUG BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		24. WAS DIRECTIONAL SURVEY MADE			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*										25. WAS WELL CORED	
26. TYPE ELECTRIC AND OTHER LOGS RUN										27. WAS WELL CORED	
28. CASING RECORD (Report all strings set in well)											
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
29. LINER RECORD											
SIZE		TOP (MD)		BOTTOM (MD)		PACKER CEMENT*		SCREEN (MD)			
30. TUBING RECORD											
SIZE		DEPTH SET (MD)		PACKER SET (MD)							
31. PERFORATION RECORD (Interval, size and number) Surface cement plug set from 4' to surface. All casing cut to a depth of 4' Set P&A marker											
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.											
DEPTH INTERVAL (MD)						AMOUNT AND KIND OF MATERIAL USED					
4' to surface						15 sx. cement					
33. PRODUCTION											
DATE FIRST PRODUCTION P&A		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)			
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BSL.		GAS—MCF.	
FLOW, TUBING PRIMA.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BSL.		GAS—MCF.		WATER—BSL.	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)										TEST WITNESSED BY	
35. LIST OF ATTACHMENTS CBL logs and plugging report attached.											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
SIGNED <u>R. L. Martin</u>				TITLE <u>V.P. O/G Operations</u>				DATE <u>12-12-85</u>			

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 13: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identifying, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CORSION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Entrada	820'				
Carmel	942'				
Navajo	1158'				
Chinle	2245'				
Moenkopi	2610'				
Sinbad	3090'				
White Rim	3297'				
Organ Rock	3818'				
Wolfcamp	3980'				
Hermosa	4796'				
Ismay	5360'				
Desert Creek	5818'				
Akah	5918'				
Lower Hermosa	6534'				
Mississippian	6760'				
TD	7056'				

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN DUPLICATE\*  
(See other instructions  
on reverse side)

Page 1 of 3

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5

# WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other P&A

2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REGR. ☐ Other P&A

3. NAME OF OPERATOR  
Coors Energy Company

4. ADDRESS OF OPERATOR  
PO Box 467, Golden, Colorado 80402

DEC 16 1985

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 697'FWL, 2329'FNL, SW/4NW/4

At top prod. interval reported below  
same

At total depth  
same

DIVISION OF OIL  
GAS & MINING

6. LEASE DESIGNATION AND SERIAL NO.  
U-53597

7. IF INDIAN, ALLOTTEE OR TRIBE NAME  
---

8. UNIT AGREEMENT NAME  
Hatt Ranch

9. FARM OR LEASE NAME  
USA

10. WELL NO.  
1-26HR

11. FIELD AND POOL, OR WILDCAT  
Wildcat

12. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

Sec. 26, T22S-R14E

13. COUNTY OR  
PARISH  
Emery

14. STATE  
Utah

15. DATE SPUDDED  
9/29/85

16. DATE T.D. REACHED  
11/12/85

17. DATE COMPL. (Ready to prod.)  
12/5/85

18. ELEVATIONS (DF, RKA, ST, OR, ETC.)\*  
4215'GL, 4232'KB

19. ELEV. CASINGHEAD  
---

20. TOTAL DEPTH, MD & TVD  
7056'

21. PLUG, BACK T.D., MD & TVD  
surface

22. IF MULTIPLE COMPL.,  
HOW MANY\*  
---

23. INTERVALS  
DRILLED BY  
---

24. ROTARY TOOLS  
0-7056'

25. CABLE TOOLS  
no

26. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

P&A all zones (Moenkopi A 2980-2988, Sinbad 3102-3096')

27. TYPE ELECTRIC AND OTHER LOGS RUN

DIL/SFL, CNL, GR, Sonic logs CBL

28. WAS WELL CORRED  
no

29. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.50#	403'KB	17-1/2"	470 SX.	none
4-1/2"	11.60#	3393'KB	7-7/8"	500 SX.	none

Note that 4-1/2" casing was left in the well and cemented internally and externally to surface. Both in open hole and in 13-3/8" annulus from 2180' to surface.

30. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

Cement plug from 6800-6600'.

4300-4100'

3096-3102' w/4 SPF and

2980-2988' w/4 SPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6600-6800'	50 sx. 50/50 pozmix
4100-4300'	50 sx. 50/50 pozmix
2980-3102'	1500 gals 20% HCL acid, 194 bbls fluid, 10/80# 20/40 sand

33. PRODUCTION

DATE FIRST PRODUCTION  
SEE THIRD PAGE

PRODUCTION METHOD (Flowing, gas lift, pumping—also and type of pump)

WELL STATUS (Producing or shut-in)  
P&A

DATE OF TEST HOURS TESTED CHOKER SIZE PROD'N. FOR TEST PERIOD OIL--BDL GAS--MCF. WATER--BDL GAS-OIL BATH

FLOW, TUBING PUMP, CASING PRESSURE CALCULATED 24-HOUR RATE OIL--BDL GAS--MCF. WATER--BDL OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

DATE

\*(See Instructions and Spaces for Additional Data on Reverse Side)

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1. TYPE OF WELL: ☐ OIL WELL ☐ GAS WELL ☐ DEV ☐ Other ☒ P&A

2. NAME OF OPERATOR: Coors Energy Company

3. ADDRESS OF OPERATOR: PO Box 467, Golden, Colorado 80402

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations):  
 At surface  
 At top prod. interval reported below  
 At total depth

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

15. DATE SPUDDED \_\_\_\_\_ 16. DATE T.D. REACHED \_\_\_\_\_ 17. DATE COMPL. (Ready to prod.) \_\_\_\_\_

18. ELEVATIONS (OF, RKB, RT, OR, ETC.) \* \_\_\_\_\_ 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD \_\_\_\_\_ 21. PLOG. BACK T.D., MD & TVD \_\_\_\_\_ 22. IF MULTIPLE COMPL., HOW MANY? \_\_\_\_\_

23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) \* \_\_\_\_\_

25. WAS DIRECTIONAL SURVEY MADE \_\_\_\_\_

26. TYPE ELECTRIC AND OTHER LOGS RUN \_\_\_\_\_ 27. WAS WELL CORED \_\_\_\_\_

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	MOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKERS SET (MD)

31. PERFORATION RECORD (Interval, size and number)

Cement plug 3045-2832', jet cut casing & cemented @ 2180', unable to recover 4-1/2" casing after it was cut.  
 Shot 8 holes @ 1250' to circ. cement  
 Shot 6 holes @ 820' to circ. cement

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2832-3045'	15 sx. cement
2180-1500' +	250 sx. 50/50 pozmix
1250-850'	635 sx. 50/50 pozmix
820-surface	500 sx. cement

33. PRODUCTION

DATE FIRST PRODUCTION: SEE THIRD PAGE

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump):

WELL STATUS (Producing or shut-in):

DATE OF TEST	MOSES TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.):

TEST WITNESSED BY:

35. LIST OF ATTACHMENTS:

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: [Signature] TITLE: V.P. operations DATE: 12-12-85

RECEIVED

DEC 16 1985

DIVISION OF OIL & GAS MINING

7. UNIT AGREEMENT NAME: Hatt Ranch

8. FARM OR LEASE NAME: USA

9. WELL NO.: 1-26HR

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY: Sec. 26, T22S-R14E

12. COUNTY OR PARISH: Emery

13. STATE: Utah

\*(See Instructions and Spaces for Additional Data on Reverse Side)

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

Page 3 of 3

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

3. LEASE DESIGNATION AND SERIAL NO.

U-53597

4. IF INDIAN, ALLOTTEE OR TRIBE NAME

-----

7. UNIT AGREEMENT NAME

Hatt Ranch

5. FARM OR LEASE NAME

USA

9. WELL NO.

1-26HR

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

Sec. 26, T22S-R14E

12. COUNTY OR

PARISH

Emery

13. STATE

Utah

19. ELEV. CASINGHEAD

23. INTERVALS  
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

25. WAS DIRECTIONAL  
SURVEY MADE

27. WAS WELL CORRED

## CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT FULLED

## LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

## 31. PERFORATION RECORD (Interval, size and number)

Surface cement plug set from 4' to  
surface. All casing cut to a depth of 4'

Set P&amp;A marker

## 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4' to surface	15 sx. cement

33.\*

## PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
P&A								
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO	
			→					
FLOW, TURNING FROM	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)		
		→						

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

## 35. LIST OF ATTACHMENTS

CBL logs and plugging report attached.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

R. L. Martin

TITLE

V.P. O/G Operations

DATE

12-12-85

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 31: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE TEST DEPTH
Entrada	820'				
Carmel	942'				
Navajo	1158'				
Chinle	2245'				
Moenkopi	2610'				
Sinbad	3090'				
White Rim	3297'				
Organ Rock	3818'				
Wolfcamp	3980'				
Hermosa	4796'				
Ismay	5360'				
Desert Creek	5818'				
Akah	5918'				
Lower Hermosa	6534'				
Mississippian	6760'				
TD	7056'				

# HALLIBURTON SERVICES JOB SUMMARY

FORM 2012 R-2

HALLIBURTON DIVISION MIDLAND  
HALLIBURTON LOCATION CORTIZ

BILLED ON TICKET NO. 225462

WELL DATA

FIELD WREDCAT SEC. 26 TWP. 22-S RNG. 14-E COUNTY EMERY STATE UTAH

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_

FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

INITIAL PROD. OIL \_\_\_\_\_ SPD. WATER \_\_\_\_\_ SPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_

PRESENT PROD. OIL \_\_\_\_\_ SPD. WATER \_\_\_\_\_ SPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_

COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_

PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

TOOLS AND ACCESSORIES		
TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API \_\_\_\_\_

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API \_\_\_\_\_

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB. \_\_\_\_\_

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB. \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ % \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ % \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ % \_\_\_\_\_

SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN \_\_\_\_\_

HE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN \_\_\_\_\_

FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>11-25-85</u>	DATE <u>11-24-85</u>	DATE <u>11-26-85</u>	DATE <u>11-27-85</u>
TIME <u>2000</u>	TIME <u>0445</u>	TIME <u>0820</u>	TIME <u>1836</u>

PERSONNEL AND SERVICE UNITS		
NAME	UNIT NO. & TYPE	LOCATION
JOE McDONALD	33145	
CEMENTER	1000 PUMP	CORTIZ
JOE PORTER	0102	
CEO	107 4-c	CORTIZ
JOE PENA	41685	
CEO	BC	CORTIZ
DALTON WOOD	04016	
TOL OPERATOR	BC	CORTIZ
GARY HERRB	1011	
DMC	CHAM. TRK.	FARMINGTON
C. BUSCH	1370-3447	
	BC	FARMINGTON

DEPARTMENT 505

DESCRIPTION OF JOB Plug to 15' HMD +  
CEMENT FILLER 70% @ 1100'

JOB DONE THRU: TUBING ☒ CASING ☒ ANNULUS ☐ TSG/ANN. ☐

CUSTOMER REPRESENTATIVE X JAKE AMEN

HALLIBURTON OPERATOR JOE McDONALD COPIES REQUESTED 2

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	WATER ADDED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	15	50/50%	B	TOSAL	B	3% Gel (tailored) 8	1.26	17.1
2	250	60/50/2	B	TOSAL	B	2% Gel - 6 1/4" x 6 1/2" x 1/2" - 3% GAC	1.39	13.6
3	500	"	"	"	"	"	"	"
3	135	50/50/2	B	TOSAL	B	2% Gel - 3% GAC	1.26	17.1
4		"	"	"	"	"	"	"

PRESSURES IN PSI

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_

HYDRAULIC HORSEPOWER

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_

AVERAGE RATES IN BPM

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE

FEET \_\_\_\_\_ REASON \_\_\_\_\_

SUMMARY

PRESLUSH (BSL-GAL) 2-2.4 VOLUMES TYPE FRESH WATER

LOAD & BKDN: BSL-GAL. 2.34 PADI BSL-GAL. \_\_\_\_\_

TREATMENT: BSL-GAL. \_\_\_\_\_ DISPL: BSL-GAL. 10.5-318-123

CEMENT SLURRY (BSL-GAL) 3.4-62-1738+303-

TOTAL VOLUME (BSL-GAL) 294.1 + (750 min. 2508)

REMARKS SEE JOB LOG



# HALLIBURTON SERVICES JOB LOG

NO. LSA 1-26 LEASE HATTANCH

TICKET NO. 225462

CUSTOMER COORS

PAGE NO. 1

FORM 2013 R-2

JOB TYPE Plug To Abandon

DATE 11-26-87

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0445						4 1/2	ON LOCATION 11-26-85 TWS
	0710							SAFETY MEETING
1	0820	2.0	2			100	-	TRE @ 3045' Pump WATER AHEAD
2	0821	1.1	3.0			200	-	Pump CEMENT 15426 (3045' - 2839')
3	0824		10.5			600	-	Pump Displacement TO SPOT CMT Plug
4	0827						-	SHUTDOWN - D.H. 11/7/87 <del>2839'</del>
							-	Cement out casing @ 2180'
5	1055		2500	x 370 CMT				ALL MILD @ 9.5" TO ENGINEER'S SPEC'S
6	1225						-	SHUTDOWN
7	1235						200	Pump MUD THRU 1/2" CS @ 2180' TO
							-	KILL WATER FLOW @ 1100'
8	1322						-	OUT OF HED - SHUTDOWN DID NOT CMT
							-	WENT TO SINKING
	1545						-	WAIT ON ORDER 2 FILL 1545 RELEASE
							-	FOR TODAY - DRAIN PT + LINES
	0130						-	ON LOCATION 11-27-85 mud
9	0824	2	2				700	Pump WATER AHEAD THRU CS @ 2180'
11	0825	6.9	62				700	Pump CEMENT 2500 SK. 1.37
12	0834	4.0	31.8				600	Pump Disp TO 2000'
13	0842						450	SHUTDOWN + WOC. 211RS.
							-	GO DOW @ 1250'
14	1105	7.5	4				400	Pump WATER AHEAD THRU PERFS @ 1250'
15	1107	7.7	123.8				400	Pump CEMENT LEAD (500) 1.37
16	1123	7.6	30.3				400	" " TAIL (135) 1.26
17	1127	4.6	18.3				400	Pump Displacement
18	1131						100	SHUTDOWN WOC.
19	1327	1	2				50	Pump TO TEST CEMENT
20	1331		3				250 PSI	2000s. pumped.
21	1334		1				550	BREAK 500s. pumped
22	1336						200	SHUTDOWN - Close WELL IN - RELEASE Pump
								Hook-Rig Down - Finish JOB AFTER
								Holidays

RETAIN

# HALLIBURTON SERVICES JOB SUMMARY

DIVISION MIDLAND  
HALLIBURTON  
LOCATION CORREZ

BILLED ON 225464  
TICKET NO.

## WELL DATA

WELL WILDCAT SEC. 26 TWP. 22S RND. 14E COUNTY EMERY STATE UTAH

FORMATION NAME	TYPE	THICKNESS	FROM	TO	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING					U		4 1/2	0	TD	
LINER										
TUBING					U	4.7	2 3/8			
OPEN HOLE										
PERFORATIONS								@ 825		
PERFORATIONS										
PERFORATIONS										

FORMATION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_  
PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_  
MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

## JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>12-1-85</u> TIME <u>2330</u>	DATE <u>12-2-85</u> TIME <u>0535</u>	DATE <u>12-2-85</u> TIME <u>1000</u>	DATE <u>12-2-85</u> TIME <u>1030</u>

## PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
JOE McDONALD	35145	
CEMENTER	CMT PKUP	CORREZ
DALE WOOD	51018-7060	
TOOL OPERATOR	RCM	CORREZ
NATE PORTER		
CEO	BUK	CORREZ
JOE PENA	4685	
CEO	BUK	CORREZ

DEPARTMENT 503

DESCRIPTION OF JOB

CEMENT Plug TO ABANDON

JOB DONE THRU: TUBING ☐ CASING ☒ ANNULUS ☐ TBG./ANN. ☐

CUSTOMER REPRESENTATIVE

X JAKE ANILIN

HALLIBURTON OPERATOR

JOE McDONALD

COPIES REQUESTED 2

## CEMENT DATA

STAGE	NUMBER OF BAGS	TYPE	API CLASS	BRAND	BULK BAGGED	ADDITIVES	YIELD CU.FT./BK.	MIXED LBS./GAL.
1	400	50/50	B	IPAL	S	290 CaCl <sub>2</sub> - 270 Gel	1.26	14.2
1	100	11"	"	"	"	290 Gel	1.26	14.2

## PRESSURES IN PSI

## SUMMARY

## VOLUMES

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESURSH 5 TYPE Fresh Water

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN 5 PAD: BBL-GAL. \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL-GAL. \_\_\_\_\_

SHUT-IN: INSTANT \_\_\_\_\_ P-MIN. \_\_\_\_\_ 10-MIN. \_\_\_\_\_ CEMENT SLURRY 112.2

HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL-GAL. 117.2

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ REMARKS SEE JOB LOG

AVERAGE RATES IN BPM \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

TEST \_\_\_\_\_ REASON \_\_\_\_\_

WELL NO. USA-1-26 JOB TYPE Plug to Abandon DATE 12-2-85

# JOB LOG

WELL NO. USA 1-26 LEASE HATT RANCH

TICKET NO. 225464

CUSTOMER COORS ENERGY COMPANY

PAGE NO.

JOB TYPE PLUG TO ABANDON

DATE 12-2-05

FORM 2013 9-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0535							ON LOCATION
	0900							SAFETY MEETING
1	1000	2.5	5				50	PUMP WATER AHEAD
2	1002	4.0	1122				100	Pump CEMENT (500sx)
3	1028						50	CEMENT RETURNS 1068bbls pumped
4	1030							CEMENT GRADE SHUT DOWN.
								JOB complete
								Franklin
								Joe Dale, Joe & Mike

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

PERMIT IN TRIPlicate  
(Other instructions on  
reverse side)

5

SUNDRY NOTICES AND REPORTS ON OIL AND GAS		3. LEASE DESIGNATION AND SERIAL NO	
<small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		U-53597	
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER P&A		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR		7. UNIT AGREEMENT NAME	
Coors Energy Company		Hatt Ranch	
3. ADDRESS OF OPERATOR		8. FARM OR LEASE NAME	
PO Box 467, Golden, Colorado 80402		USA	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface		9. WELL NO.	
697'FWL, 2329'FNL, SW/NW		1-26HR	
5. <b>OIL AND GAS</b> JRB GLH DTS SLS 1-TAS <del>2-TAS</del> 2-MICROFILM ✓ 3-FILE		10. FIELD AND POOL, OR WILDCAT	
		Wildcat	
11. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SUBST OR AREA	
43-015-30220		Sec. 26, T22S-R14E	
12. ELEVATIONS (Show whether of, to, or, etc.)		12. COUNTY OR PARISH	
4215'GL, 4232'KB		Emery	
		13. STATE	
		Utah	

14. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PURPOSES OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Complete P&A Report:

11/14/85 Spotted cement plug from 6800-6600' w/50 sk. 50/50 pozmix.  
Spotted cement plug from 4300-4100' w/50 sk. 50/50 pozmix.  
(Ran production casing to 3393'KB and completed well)

11/26/85 Spotted cement plug from 3045-2845' w/15 sk. plug, cut 4-1/2" casing at 2180', but was unable to pull casing. Cemented from 2180' to 1500'± w/250 sk. 50/50 pozmix.

11/27/85 RIH to 1250', 100' below water zone. Shot 8 holes at 1250' and pumped 635 sk. plug of 50/50 pozmix.

11/28 to  
12/2/85 Shot 6 holes at 820' and pumped 500 sk. cement plug from 830' to surface.  
12/3 to  
12/4/85 Finished cementing w/15 sk. of cement from 4' to surface. Set P&A marker. Plugging complete.

See Halliburton plugging procedure attached.

RECEIVED  
JUN 13 1988

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

R. L. Martin

TITLE V.P. O/G Operations

DATE 6/8/88

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

85

# JOB LOG

CUSTOMER COORS

PAGE NO. 1

JOB TYPE Plug To ABANDON

DATE 11-26-85

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0445						4 1/2	ON LOCATION 11-26-85 TULS.
	0710							SAFETY MEETING
1	0820	2.6	2			100	-	TB@ 3045' PUMP WATER AHEAD
2	0821	1.1	3.4			200	-	Pump CEMENT 15426 (3045' - 5839')
3	0824	-	10.5			600	-	Pump Displacement TO SPOT CMT. Plug
4	0827					-	-	SHUTDOWN - POH W/ TB@ - <del>2180'</del>
						-	-	GO WINE (use cut CASING @ 2180'
5	1055		250 BX 3	10	0	-	-	MIX MUD @ 9.5" TO ENGINEERS SPECS.
6	1225					-	-	SHUTDOWN
7	1235					-	200	Pump MUD THRU 1/2" CS @ 2180' TO
						-	-	KILL WATER FLOW @ 1100'
8	1322					-	-	OUT OF MUD - SHUTDOWN - DID NOT CIRC GET.
						-	-	MUD TO SURFACE.
	1545					-	-	WAIT ON ORDERS TIL 1545. RELEASE
						-	-	FOR TODAY - DRAIN PT & LINES
	0430					-	-	ON LOCATION W/ CEMENT 11-27-85 wed
9	0824	2	2			100	-	Pump WATER AHEAD THRU CS @ 2180'
11	0825	6.9	62			700	-	Pump CEMENT 250 SX 1-39
12	0834	4.0	31.8			600	-	Pump Disp TO 2000'
13	0842					450	-	SHUTDOWN + WOC 2 HRS.
						-	-	GO. Perf @ 1250'
14	1105	7.5	4			400	-	Pump WATER AHEAD THRU PERFS @ 1250'
15	1100	7.7	123.8			1500	-	Pump CEMENT LEAD (500) 1-39 TO 2000'
16	1123	7.6	30.3			400	-	" " TAIL (135) 1-26 @ 1100'
17	1127	4.6	18.3			400	-	Pump Displacement
18	1131					100	-	SHUTDOWN WOC
19	1329	1	2			50	-	Pump TO TEST CEMENT
20	1331		3			250	-	PSI - 2861's pumped.
21	1334		1			550	-	BREAK 500's pumped
22	1336					200	-	SHUTDOWN - Close well in - RELEASE Pump
								Thick-Rig Down - Finish Job AFTER
								Holidays

JUN 13 1988

DIVISION OF  
OIL GAS & MINING

*[Signature]*  
K1 & Crews

CUSTOMER

# JOB SUMMARY

FORM 1012 R-2

HALLIBURTON  
LOCATION

CORTEZ

BILLED ON  
TICKET NO. 225462

FIELD WILDCAT SEC. 26 TWP. 22-S RING. 14 E COUNTY EMERY STATE UTAH

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
INITIAL PROD: OIL \_\_\_\_\_ SPD. WATER \_\_\_\_\_ SPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_  
PRESENT PROD: OIL \_\_\_\_\_ SPD. WATER \_\_\_\_\_ SPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_  
COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_  
PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_  
MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING			4 1/2			
LINER						
TUBING	4	4.7	2 1/4	KB	30 1/5	2000
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA TRCL 0500 KTR 0600

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 11-25-85	DATE 11-26-85	DATE 11-26-85	DATE 11-27-85
TIME 2000	TIME 0445	TIME 0820	TIME 1836

## TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

## PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
JOE McDONALD	35145	
CEMENTER	CNT Pump	CORTEZ
NATE PORTER	0102	
CEO	MT. 400	CORTEZ
JOE PINA	4185	
CFO	B.C.	CORTEZ
DALE WOOD	0446	
TOL OPERATOR	BC	CORTEZ
GARY HOBBS	4017	
DIMEO	CHEM. TRK.	FARMINGTON
C. BUSCH	1390-3447	
	BC.	FARMINGTON

## MATERIALS

TREAT. FLUID	DENSITY	LB/GAL. API
DISPL. FLUID	DENSITY	LB/GAL. API
PROP. TYPE	SIZE	LB.
PROP. TYPE	SIZE	LB.
ACID TYPE	GAL.	%
ACID TYPE	GAL.	%
ACID TYPE	GAL.	%
SURFACTANT TYPE	GAL.	IN
WE AGENT TYPE	GAL.	IN
FLUID LOSS ADD. TYPE	GAL.-LB.	IN
GELLING AGENT TYPE	GAL.-LB.	IN
FRIC.-RED. AGENT TYPE	GAL.-LB.	IN
BREAKER TYPE	GAL.-LB.	IN
BLOCKING AGENT TYPE	GAL.-LB.	
PERF PACE BALLS TYPE	QTY.	
OTHER		
OTHER		

DEPARTMENT 505  
DESCRIPTION OF JOB Plug To ABANDON T.  
CEMENT FILL WATER ZONE @ 1100'

JOB DONE THRU: TUBING ☒ CASING ☒ ANNULUS ☐ TEO/ANN. ☐

CUSTOMER REPRESENTATIVE X JAKE AMEN

HALLIBURTON OPERATOR JOE McDONALD COPIES REQUESTED 2

## CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	WATER (GAL)	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	15	50/50H2	B	IPSAL	B	2% Gel (Allwood) 8	1.26	14.1
2	250	50/50H2	B	IPSAL	B	2% Gel - 6 1/4% SK 61Kewite - 3% CaCl2	1.39	13.0
3	500	"	"	"	"	"	"	"
3	135	50/50H2	B	IPSAL	B	2% Gel - 3% CaCl2	1.26	14.1
4		"	"	"	"	"	"	"

## PRESSURES IN PSI

## SUMMARY

## VOLUMES

CIRCULATING	DISPLACEMENT	PRESLUSH (BSL-GAL)	2-2.4	TYPE	FRESH WATER
BREAKDOWN	MAXIMUM	LOAD & BKDN: (BSL-GAL)	2-34	FAD: (BSL-GAL)	
AVERAGE	FRACTURE GRADIENT	TREATMENT: (BSL-GAL)		DISPL: (BSL-GAL)	105-318-103
SHUT-IN INSTANT	9-MIN.	CEMENT SLURRY (BSL-GAL)	3.4 - 62 - 1238 + 30.3		
HYDRAULIC HORSEPOWER	15-MIN.	TOTAL VOLUME (BSL-GAL)	294.1 + (750 min. ann)		
ORDERED	AVAILABLE	REMARKS	SEE JOB LOG		
AVERAGE RATES IN BPM	USED				
TREATING	DISPL.	OVERALL	JUN 13 1988		
CEMENT LEFT IN PIPE					
FEET	REASON				

DIVISION OF  
OIL, GAS & MINING

CUSTOMER

CUSTOMER 10625  
LEASE NAT RANCH  
WELL NO. 1541-26  
JOB TYPE Plug To ABANDON DATE 11-27-85

## SUMMARY

HALLIBURTON  
LOCATION

CORP 157

M.

BILLED ON  
TICKET NO.

225464

## WELL DATA

WILDCAT

SEC. 26

TWP. 22S

RNG. 14E

COUNTY EMERY

STATE UTAH

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
FORMATION PROBI OIL \_\_\_\_\_ SPG. WATER \_\_\_\_\_ SPG. GAS \_\_\_\_\_ MCFD \_\_\_\_\_  
FORMATION PROBI OIL \_\_\_\_\_ SPG. WATER \_\_\_\_\_ SPG. GAS \_\_\_\_\_ MCFD \_\_\_\_\_  
COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_  
PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_  
ALUMINUM DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

	NEW USED	WEIGHT	SIZ.	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	U		4 1/2	Q	TD	
LINER						
TUBING	U	4.7	2 3/8	KE	—	—
OPEN HOLE						SHOTS/FT.
PERFORATIONS				@ 825		
PERFORATIONS						
PERFORATIONS						

## JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 12-1-85	DATE 12-2-85	DATE 12-2-85	DATE 12-2-85
TIME 2330	TIME 0535	TIME 1000	TIME 1030

## PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
JOE McDONALD	35145	
CEMENTER	CND PLUG	CORP 157
DALE WOOD	51018-7060	
TOOL OPERATOR	REN	CORP 157
NATE DORRIS		
CEO.	BUICK	CORP 157
JOE PENIA	4685	
CEO.	BUICK	CORP 157

DEPARTMENT

505

DESCRIPTION OF JOB

CEMENT Plug TO ABANDON

JOB DONE THRU: TUBING ☐ CASING ☒ ANNULUS ☐ TBC/ANN. ☐

CUSTOMER

X TAKE APPLIC

HALLIBURTON

JOE McDONALD

COPIES

REQUESTED 2

## CEMENT DATA

STAGE	NUMBER OF BAGS	TYPE	API CLASS	BRAND	GULF BAGGED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	400	S/S	B	DAL	S	29% Gel - 27% Gel	1.26	14.2
1	100	"	"	"	"	29% Gel	1.26	14.2

## PRESSURES IN PSI

## SUMMARY

## VOLUMES

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESURSH ☒ GAL 5 TYPE Fresh Water  
BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: ☒ GAL \_\_\_\_\_ PADI: ☒ GAL \_\_\_\_\_  
AVERAGE \_\_\_\_\_ FRACTURE \_\_\_\_\_ STRENGTH \_\_\_\_\_ DISPL: ☒ GAL 0  
SHUT-IN INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ SLURRY ☒ GAL 112.2  
HYDRAULIC HORSEPOWER \_\_\_\_\_ 117.2  
ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ REMARKS  
AVERAGE RATES IN \_\_\_\_\_ JUN 13 1988 SEE JDR LOG  
TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
CEMENT LEFT IN PIPE \_\_\_\_\_ DIVISION OF  
REASON \_\_\_\_\_ OIL, GAS & MINING

# LOG

OWNER **COORS ENERGY COMPANY**  
 JOB TYPE **PLUG TO ABANDON**

PAGE NO. **1**  
 DATE **12-2-85**

TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
			T	C	TUBING	CASING	
0535							ON LOCATION
0900							SAFETY MEETING
1	1000	2.5	5			50	PUMP WATER AHEAD
2	1002	4.0	112.2			100	Pump CEMENT (500sv)
3	1028					50	CEMENT RETURNS 1068bbls Pumped
4	1030						CEMENT GRADE SHUT DOWN.
							JOB COMPLETE
							<i>[Signature]</i>
							<i>[Signature]</i>

**RECEIVED**

JUN 13 1988

DIVISION OF  
 OIL, GAS & MINING